

Newark Fire Department

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NINETY-EIGHTH

ANNUAL REPORT



KENNETH A. GIBSON, Mayor

MUNICIPAL COUNCIL

RALPH T. GRANT, JR., President

GEORGE BRANCH, Central Ward  
ANTHONY CARRINO, North Ward  
SHARPE JAMES, At Large  
HENRY MARTINEZ, East Ward

DONALD M. PAYNE, South Ward  
RONALD L. RICE, West Ward  
DONALD TUCKER, At Large  
MARIE L. VILLANI, At Large

ELTON E. HILL, Business Administrator

JOHN P. CAUFIELD, Fire Director

NEWARK, NEW JERSEY

TABLE OF CONTENTS

DIRECTOR'S REPORT	Page 1-2-3
Fire Chief's Report	Page 4
Table of Organization	Page 5
Chief Officers	Page 6
Sub-Divisions of the Fire Department	Page 7
Financial Statement	Page 8
Vital Statistics	Pages 9-10
Company Statistics	Pages 11-12
<u>Fire Prevention Division</u>	
Chief's Report	Pages 13-14-15
Bureau of Combustibles	Pages 16 through 50
<u>Division of Investigation</u>	
Chief's Report	Pages 51-52
Miscellaneous Statistics	Page 53
Deaths by Fire	Page 54
<u>Fire Signal System</u>	
Communications	Pages 55-56-57
Construction/Maintenance	Page 58
<u>Special Services &amp; Supply</u>	
Chief's Report	Pages 59-60-61
Apparatus Inventory	Pages 62-63-64
Hose Inventory	Pages 65-66
Performance Report	Pages 67
<u>Training Division</u>	
Chief's Report	Pages 68-69-70
Accident Review Board	Page 71
Safety Officer	Page 72
Water Officer	Page 73
Apparatus Training Officer	Page 74
Audio-Visual Unit	Page 75
Performance Report	Page 76
Planning & Research Division	Pages 77-78-79
Community Relations Division	Pages 80-81
Data Processing Unit	Page 82
Photography Division	Page 83
Public Relations Division	Page 84
Medical Division	Page 85
<u>Chaplains</u>	
Catholic Chaplain	Page 86
Jewish Chaplain	Page 87
Bell & Siren Club	Page 88
Emergency Management (Civil Defense)	Page 89

## Fire Department

1010 18th Avenue  
Newark, New Jersey 07106  
201 733-7424

John P. Caufield  
Director

March 6, 1984

The Honorable Kenneth A. Gibson  
Mayor, City of Newark  
Newark, New Jersey

Dear Sir:

I herewith respectfully submit the Annual Report for the year 1983, outlining the activities of the Fire Department.

The primary goals of the Fire Department continue to be

1. The prevention of unfriendly fires, and
2. The minimizing of life and property loss when unfriendly fires occur.

The most desirable method of reducing life and property loss due to fire is through Fire Prevention, Public Fire Safety Education, and Fire Code Enforcement. Activities in these areas will continue vigorously and will be expanded, particularly in the smoke detector and public education areas.

Of the 21 fire deaths recorded, all occurred where there were no smoke detectors installed, where smoke detectors were not functioning, or where other adverse conditions existed.

Although Department response and fire suppression activities continue as efficiently as ever, there is little that can be done between fire occurrence and fire department notification, hence the emphasis on the above-mentioned activities of prevention, education and code enforcement.

Total fires in the City decreased by 19.2% from that of 1982, while serious fires requiring a full alarm assignment or greater, decreased by 23.7%.

Fires in vacant buildings decreased by 23.8% from 1982, thanks to the demolition program and state aid.

## Fire Department

1010 18th Avenue  
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201 733-7424

John P. Caufield  
Director

Page 2

Malicious false alarms decreased by 7.6%.

Vehicle fires decreased by 11.7% and the Division of Investigation has been directed to continue its efforts in this area.

Recognizing the need for the possible relocation of fire stations and resources, due to changing physical conditions and reconstruction in the City, the Department, in conjunction with Public Technology Incorporated (PTI), commenced with a Fire Resource Management Study in 1983. This study, more complex than originally envisioned, has been upgraded by utilizing a more modern data processing format, and should be completed in Spring of 1984.

### RECOMMENDATIONS

- \* The continuation of the fire apparatus replacement program.
- \* The continuation of the fire station rehabilitation program.
- \* The acquisition of a Fire Protection Engineer to assist in evaluating fire protection technology that is constantly being developed.
- \* The continuation of the water main cleaning and relining program.
- \* That members of the Judiciary impose maximum penalties for violations of the Fire Prevention Code, especially where there are violations of the Smoke Detector Code Ordinance, the transmission of false alarms, and the vandalism and illegal opening of fire hydrants.
- \* The continuation of the vacant building demolition program.
- \* The continuation of Public Fire Safety Education programs involving all city agencies.
- \* The continuation of replacing outdated equipment in Fire Alarm Headquarters.

**Fire Department**

1010 18th Avenue  
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201 733-7424

**John P. Caufield**  
Director

Page 3

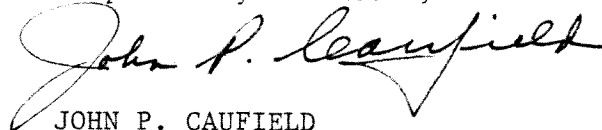
I hereby heartily commend Fire Chief Stanley J. Kossup, and all the Officers and men under his command, and also the Members of the Administrative Staff, for their dedicated and efficient service rendered throughout the year.

A debt of gratitude is owed to the Fire Department Surgeon and to the Chaplains of the Department for their outstanding efforts in attending to the needs of the men of the Department.

I also extend thanks to the Fire Department's Citizens' Advisory Committee for their efforts and advice, and thanks are also extended to the Members of the Bell & Siren Club for their help and comfort during times of emergency.

On behalf of the Members of the Fire Department, I extend to you, Mr. Mayor, to the Members of the Municipal Council, to the Business Administrator and to all City Department Directors, our sincere appreciation for your interest and cooperation in helping us solve some of our problems.

Respectfully submitted,



JOHN P. CAUFIELD  
Director, Fire Department

JPC:ci

**Fire Department**

1010 18th Avenue  
Newark, New Jersey 07106  
201 733-7424

**John P. Caufield**  
Director

February 15, 1984

Hon. John P. Caufield, Director  
Newark Fire Department  
Newark, New Jersey

Dear Sir:

Forwarded herewith is the Annual Report of the Newark Fire Department for the year 1983.


As Fire Chief, I have become increasingly aware of the high level of dedication and expertise that exists on various levels and within the various Divisions of our Department. In the past year, we have again met the demands placed upon us despite the increased economic burdens we have faced. All statistics in 1983 reflect a downward trend; principally in the areas of total alarms, total fires, false alarms, multiple alarms, and fire deaths. This certainly is an indication of the dedication and concern our officers and firefighters have for the City of Newark, its residents, and our Fire Department.

The future will require constant effort on the part of all members if we are going to successfully meet the challenge that faces us. We must concentrate on recruiting highly motivated and dedicated new firefighters. We must provide them with the training and equipment necessary to carry out their assignments, and we must ensure a work environment that will serve as encouragement for career commitment. In this way, I am certain that the demands of the future will be met.

I wish to extend to all dedicated members of our Fire Department my sincere appreciation for their efforts and for their cooperation throughout the year.

I also extend my thanks to Mayor Kenneth A. Gibson, the Members of the Municipal Council, and to all City Officers who in any way assisted our Department in achieving its goals during 1983.

Respectfully submitted,

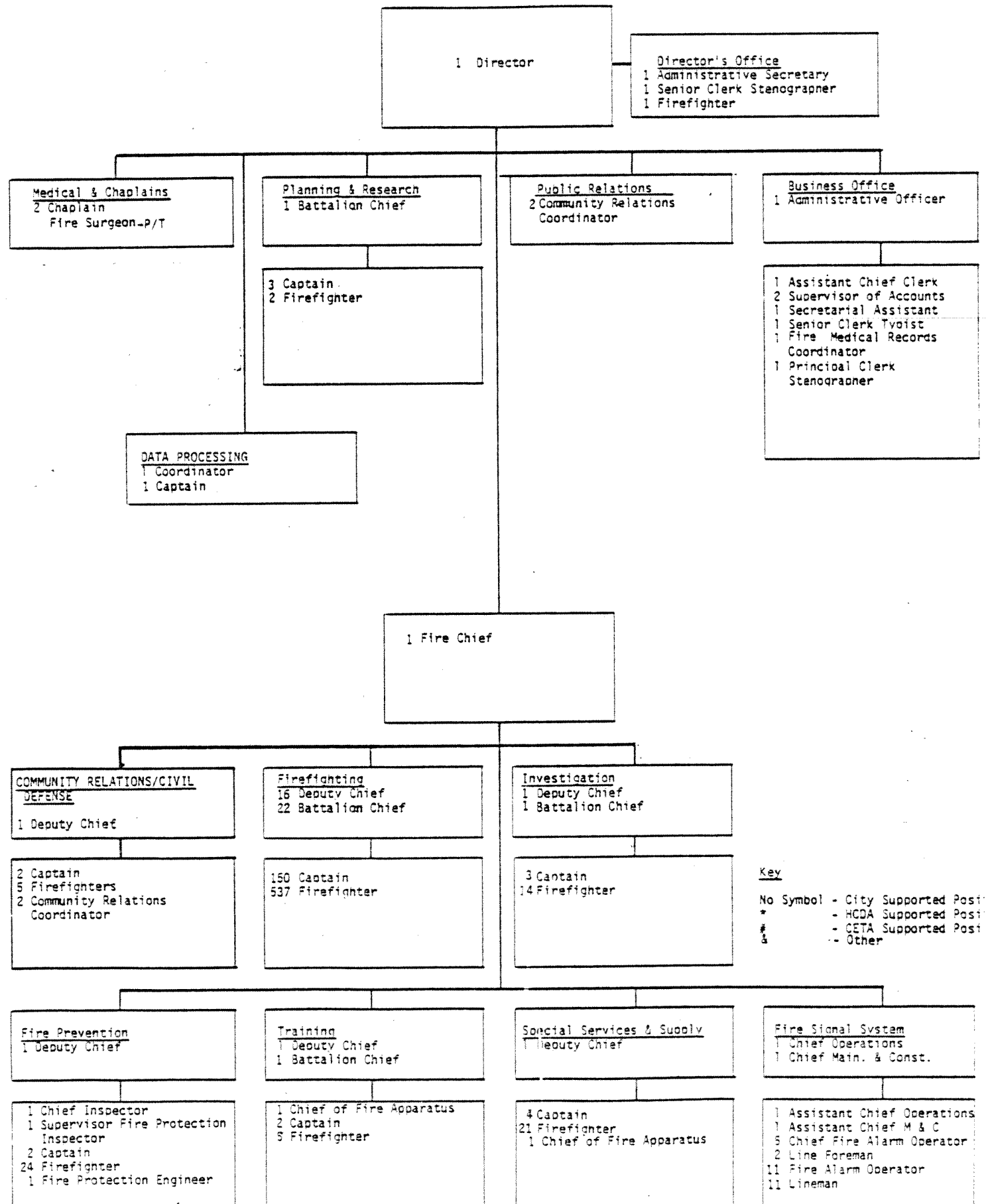


STANLEY J. KOSSUP,  
Fire Chief

SJK:JMR

**Newark**Division of Budget  
Department of Administration1983 Operating Budget  
Organization Chart

Organization	Code	Department	Code	Division	Code	Fund	Code	Year
MUNICIPAL GOVERNMENT	01	FIRE	09			CITY CURRENT	1001	83



FIRE DEPARTMENT - CITY OF NEWARK

Hon. Elton Hill  
Business Administrator

Hon. Kenneth A. Gibson  
Mayor

Hon. John P. Caufield  
Fire Director

William T. Whalen, Administrative Officer  
Esther Conrad, Administrative Secretary  
Kenneth Blaha, Asst. Chief Clerk

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Stanley J. Kossup, Fire Chief, U.F.D., Commanding  
Angelo R. Ricca, Deputy Fire Chief, Executive Officer

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DEPUTY FIRE CHIEFS

1st Deputy Division

John Tartis  
David J. Kinnear  
Albert Maresca  
Robert John Miller

2nd Deputy Division

Edward J. Chrystal  
John Griggs  
William M. Carragher, Jr.  
Joseph J. Pierce

Coordinators

Robert J. Buccine  
Alexander McGrory  
Cantalora Palestino

Roving

Edward R. Dunn

Special Assignment

James McCormack

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BATTALION FIRE CHIEFS

1st Battalion

Edward Rydzewski  
Frederick Nolan  
Richard Meeker  
Frank A. Calvitti

3rd Battalion

Leonard Mendola  
Richard Bitter  
Anthony Maresca  
Joseph Ricca

4th Battalion

James Richardson  
Anthony De Troia  
Edward Hester  
Robert J. Smith

5th Battalion

Joseph T. Miller  
Robert King  
Carroll Henderson  
Robert James Miller

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SUB-DIVISIONS OF THE FIRE DEPARTMENT

Fire Prevention Division

James Morgan, Deputy Chief  
Alfred Machiaverna, Supervising Fire Protection Inspector  
William Kingeter, Supervising Fire Protection Inspector

Division of Investigation

James V. Raymond, Deputy Chief  
Louis Formisano, Batt. Chief, Major Case Investigation  
Emil Nardone, Captain  
Anthony Nardone, Captain

Fire Signal System

Albert Lasso, Chief. Communications  
Thomas J. McCann, Asst. Chief, Communications  
John DiBlasio, Chief, Constr./Maint.  
Walter J. Maszczak, Asst. Chief, Constr./Maint.

Special Services & Supply

Joseph L. Magnusson, Deputy Chief  
Walter Mueller, Chief of Fire Apparatus  
Joseph Abbondante, Captain, Mask Division  
Robert Scholz, Captain, Supply Division  
Anthony Graziano, Captain, Hose Division

Training Center

Alfred Freda, Deputy Chief  
Fred Boehringer, Batt. Chief, Safety & Water Officer  
Daniel Tauriello, Chief of Fire Apparatus, Training  
Carl Duerr, Captain

Planning & Research Division

John J. Valent, Deputy Chief  
Albert R. Payne, Captain  
Abnathy Alfonso Mason, Captain  
John F. Galop, Captain

Community Relations & Civil Defense

Robert Fitzpatrick, Battalion Chief  
Charles Manara, Captain, Civil Defense

Medical Division

Morris Halper, M. D., Fire Surgeon

Chaplains

Rev. Horton Raught, Catholic  
Rabbi Horace Zemel, Jewish

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F I R E   D E P A R T M E N T

Financial Statement

Salaries and Other Pay Appropriations	\$24,570,489.00
Other Expenses Appropriations	\$ 398,434.00

Expenditures

Salaries and Wages

Salaries	\$22,148,399.84
Overtime	\$ 266,282.90
Acting Officers	\$ 43,540.96

Miscellaneous Receipts

Miscellaneous Receipts	\$ 4,446.03
Fire Prevention	\$ 44,483.00
Current Accounts	\$ 15.00

Miscellaneous

4/27/83	N.J. Turnpike Authority (Responses 7/1/82-12/31/82	\$2,625.00
4/27/83	Connection Communications Corp. (Repairs to Fire Signal System Wire)	\$ 657.34
10/13/83	N.J. Turnpike Authority (Response 1/1/83 - 6/30/83	\$ 825.00
10/13/83	Hartford Insurance Co. (Repairs to Fire Alarm System due to Motor Vehicle Accident)	\$ 338.69

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F I R E   D E P A R T M E N T  
VITAL STATISTICS - 1983

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1/1/83 - 62 men laid off.   Rehired 2/14/83

APPOINTMENTS

6/27/83	-	Dennis Caufield	-	Lineman (Prov.)
7/1/83	-	Thomas Harper	-	Firefighter
"	-	Edwin Bishop	-	"
	-	Mustafa Mohamad Abdul Haqq	-	Firefighter
		(Mark Stevens)		
"	-	Anthony Vanarelli	-	Firefighter
"	-	Ralph Boswell	-	"
"	-	Brian Kirkland	-	"
"	-	Abdul-Hakim Sadrud Din	-	"
"	-	Francis Oldewurtel	-	"
11/7/83	-	Barbara Norman	-	Fire Alarm Operator
				(Prov.)
"	-	Edward Griffith	-	Fire Alarm Operator
				(Prov.)
12/12/83	-	Dean Wilson	-	Firefighter

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PROMOTIONS

Promoted to:

2/14/83	-	James McCormack	-	Deputy Chief
"	-	John Valent	-	" "
2/20/83	-	John DiBlasio	-	Chief, Fire Alarm
				Sig.Sys., Constr/Maint
				(Permanent)
7/1/83	-	Edward Rydewski	-	Battalion Chief
"	-	James Cody	-	" "
"	-	James Smith	-	" "
"	-	Kenneth Miller	-	" "

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RESIGNATIONS

3/8/83 - F/F Robert Swider  
8/9/83 - F/F Steve Adams  
11/1/83 - F/F Stephen Iannucci  
11/26/83- F/F Gary Palmerson

DEATHS

8/29/83 - Rev. Clarence Bleakney  
Fire Department Chaplain

# F I R E   D E P A R T M E N T

## Vital Statistics 1983 (2)

### RETIREMENTS

1/1/83	-	F/F Robert Ketcham
"	-	F/F John Slattery
"	-	F/F Henry Pelchane
2/1/83	-	Captain Barney Baldino
"	-	Captain Thomas Meehan
"	-	F/F Daniel La Mountain
"	-	F/F John Swider
3/1/83	-	F/F Robert Mullen- Service Connected Retirement
"	-	Salvageaman Albert Henderson
4/1/83	-	Captain Frederick Steinbach
5/1/83	-	F/F Don Rubino
"	-	F/F Harry O'Neill
"	-	Batt. Chief Raymond Bishof
6/1/83	-	Captain Frank Martone
7/1/83	-	F/F Alexander Credidio
"	-	F/F Frank Thomas
"	-	F/F William Coffey
"	-	Curtis Moore
9/1/83	-	F/F Burnell Henry
"	-	Captain Joseph Schweitzer
10/1/83	-	Captain Michael Pastirik
"	-	F/F Joseph Amberg
11/1/83	-	Captain Richard Maser
"	-	F/F Charles Chapman
12/1/83	-	Captain Stanley Kendrick
"	-	Captain Robert Dunbar
"	-	Captain Michael Grande
"	-	F/F Walter Gwazdacz
"	-	F/F William Higgins

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COMPANY STATISTICS 1983

COMPANY	TOTAL ALARMS ANSWERED	TOTAL ALARMS WORKED	EMERGENCY CALLS	HOURS OF ENGINE DUTY	FEET OF HOSE USED	HYDRANTS INSPECTED	DRILLS AND DEMONSTRATIONS	HOURS OUT OF QUARTERS	IN-SERVICE BUILDING INSPECTIONS
Eng.Co. 4	2439	1279	19	278:00	70,580	228	376	1174:00	546
Eng.Co. 5	1419	492	0	134:00	45,050	444	351	623:00	1150
Eng.Co. 6	4030	1354	0	450:00	60,150	312	375	1971:00	1235
Eng.Co. 7	3011	530	0	243:00	87,350	320	205	1024:00	612
Eng.Co. 8	981	251	1	134:15	17,100	170	364	589:26	170
Eng.Co. 9	2992	680	0	196:40	49,340	280	229	886:33	214
Eng.Co.10	2626	796	0	253:20	75,700	320	373	1042:45	755
Eng.Co.11	2869	703	0	393:91	76,400	480	295	1329:75	955
Eng.Co.12	3156	655	0	232:00	72,700	175	365	1081:00	625
Eng.Co.13	1749	559	6	128:00	31,100	332	365	553:35	481
Eng.Co.14	1632	446	0	231:25	51,450	548	412	786:15	879
Eng.Co.15	2487	455	0	171:40	50,150	519	313	950:20	179
Eng.Co.16	642	313	1	152:00	27,950	168	382	543:00	323
Eng.Co.17	2505	535	3	217:00	54,200	296	146	926:00	727
Eng.Co.18	2860	719	0	237:00	86,700	504	387	1177:00	524
Eng.Co.19	1204	419	2	140:40	30,750	536	363	684:52	307
Eng.Co.21	1043	183	2	79:00	14,200	331	274	548:00	579
Eng.Co.26	1183	310	14	96:05	19,860	280	341	514:00	461
Eng.Co.27	1030	269	0	167:00	36,500	399	347	769:00	387
Eng.Co.28	1323	417	0	138:20	29,800	216	381	596:45	956
Eng.Co.29	1868	575	0	140:13	40,100	254	354	723:11	1247
Eng.Co.32	102	62	0	25:00	5,150	180	128	153:00	179
Rescue	2237	1013	696	--	--	--	597		--
Fireboat	18	18	0	41:00	300	--	226	130:00	--
TOTALS	45,406	13,033	744	4,279:29	1,032,850	7,292	7,949	18,776:57	13,491

COMPANY STATISTICS 1983 (2)

COMPANIES	TOTAL ALARMS ANSWERED	TOTAL ALARMS WORKED	EMERGENCY CALLS	FEET OF LADDERS USED	NUMBER OF INSPECTIONS MADE	DRILLS AND DEMONSTRATIONS	HOURS OUT OF QUARTERS	NUMBER OF HYDRANTS INSP.
Truck Co. 1	2172	536	0	14,073	525	405	942:00	222
Truck Co. 4	957	172	0	3,345	292	350	519:56	268
Truck Co. 5	3141	968	0	21,464	998	391	1113:00	220
Truck Co. 6	1590	350	3	3,307	371	254	728:48	290
Truck Co. 7	2711	651	0	14,010	160	398	1010:00	220
Truck Co. 8	576	148	11	3,138	307	332	576:30	280
Truck Co. 9	2445	612	3	15,105	1884	348	954:00	201
Truck Co.10	1682	390	0	6,924	535	362	602:00	320
Truck Co.11	2576	429	22	11,770	402	321	985:01	144
Truck Co.12	918	244	0	4,018	428	362	348:45	432
TOTALS	18,768	5,838	39	96,064	5,046	3,523	7,780:00	2,597

BATTALION CHIEFS

Battalion Districts	Alarms Answered	Alarms Worked	Districts Inspected
Batt. Dist. 1	4,279	1,141	125
Batt. Dist. 3	3,352	1,210	406
Batt. Dist. 4	4,166	1,331	246
Batt. Dist. 5	2,190	1,044	343
TOTALS	13,987	4,726	1,120

DEPUTY CHIEFS

Deputy Divisions	Alarms Answered	Alarms Worked	Districts Inspected
Deputy Div. 1	2,385	1,162	189
Deputy Div. 2	1,264	888	223
TOTALS	3,649	2,050	412

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(1)

FIRE PREVENTION DIVISION

Annual Report for 1983  
submitted by  
Deputy Chief James Morgan

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In 1983 the effort to deliver the message of Fire Prevention was continued. Innovative procedures were introduced and were met with some success.

Cooperation with other City and State agencies have brought about a new system of resolving the problems that faced us.

The education and training of all members of the Fire Prevention Division has been continued due to the new technology that we have come in contact with. This effort will have to continue due to the constantly changing world and the fire problems that change causes.

SMOKE DETECTORS

Strict enforcement of the City smoke detector ordinance has been continued and the effort is paying off. Fire deaths are down and it is hoped that this trend will continue.

The State requirements for common area Smoke Detectors will undoubtedly have an impact as soon as all required systems are in place.

The Bureau of Combustibles has been cooperating with the Department of Community Affairs in reporting all violations of the state regulations. A computerized list has been compiled and will be used to monitor this program.

PUBLIC EDUCATION

Some 200,000 pieces of Fire Prevention Literature have been distributed to Citizens of the City, Civic Groups, Schools and City employees. All requests for information and public speakers have been answered throughout the year with a highly concentrated effort being made during Fire Prevention week.

All Schools were visited several times during the year, and the Board of Education is to be complimented for their fine spirit of cooperation.

## FIRE PREVENTION CONTINUED (2)

### VACANT BUILDINGS

Due to the intensive effort by the Fire Prevention Division to get a hold on the vacant building problem, a huge measure of success has been noted. The numbers are down, both in fires, and actual buildings. Over 2,200 photos of vacant buildings have been taken during the year.

### FIRE RECORDS

The Fire Records Bureau has again maintained its usual high degree of efficiency and has compiled accurate statistics which reflect the fire situation in the City. The requests for verifications of fire occurrences continue to be high, and all are answered. Every fire has been investigated and an attempt to determine its cause has been made.

### PLAN REVIEW

Structural plans showing new construction, renovations, repairs and expansion have been reviewed throughout the year. The input from the Fire department has been requested as never before from Architects, Builders, Contractors and Fire Suppressing System Installers. This is a good sign which will undoubtedly result in more fire safe structures.

### HAZARDOUS WASTE

This problem has continued to plague the Fire Prevention Bureau. As the sites are discovered by the Bureau and the owners served violations, they are continuing to be cleaned up with the cooperation of the Law Department, Engineering Department, State Department of Environmental Protection and The Department of Justice. Training of all Inspectors in this field has been upgraded and will continue to be increased, due to the magnitude of this problem.

A Hazardous Materials incident response program has been instituted with the cooperation of the Engineering Department and the SCA Company.



## FIRE PREVENTION DIVISION (3)

### FIRE SUPPRESSION SYSTEMS

A program of having all fire suppressions systems in the City tested has been instituted recently. Knowing that many Sprinkler Systems in the City are of an advanced age and may be in a state of deterioration has prompted a program requiring annual testing and certification. This will no doubt result in greater fire safety and greater protection for many structures.

### PERMITS

The Permits issued by the Bureau of Combustibles continue to be one of our highest priorities and computerizing the list of permits has aided in keeping the situation well in hand. These permits which aid in monitoring the hazards which exist in the City are an invaluable aid to the Fire Department and will continue to receive a high order of priority.

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FIRE PREVENTION DIVISION

(4)

TOTAL INCIDENT -----	20,655
Fire Incident Response -----	5,722
Misc.Sig. 5s Not Recorded -----	2,886
Other Response -----	14,933

TOTAL 23,541

BUILDING FIRES-----	2,085
(Occupied-----	1,672
(Vacant -----	413

NON-BUILDING FIRES-----	3,637
(Dumpster-----	405
(Auto -----	1,057
(Truck/Bus.Frt.-----	154
(Brush/Rubbish-----	2,021

NON-HOSTILE FIRES-----	239
(C/cooking-----	91
(Inciner/Compactor-----	110
(Arcing/Sh.Circuit-----	36
(Other-----	2

MALICIOUS FALSE ALARM-----	9,828
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ALL OTHER RESPONSES -----	4,866
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FIRE RELATED DEATHS-----	21
(civilian -----	21
(Firefighter-----	0

MULTIPLE ALARM FIRES-----	50
2nd. Alarm-----	41
3rd. Alarm-----	6
4th. Alarm-----	3

SIGNAL 11- Fires-----	367
Occupied Bldg.-----	267
Vacant Bldg.-----	98

MUTUAL AID TO ASSIST NEWARK-----	3
OUT OF CITY RESPONSE-----	31

FIRE PREVENTION DIVISION (4-A)

TOTAL INCIDENTS -----	20,655
Fire incident Response -----	5,961
Misc. Sig.5's Not Recorded-----	2,886
Other Responses-----	14,694
Total	<u>23,541</u>

BUILDING FIRES----- 2,324

\* (Occupied----- 1,911  
    (Vacant ----- 413

\*(Including non-hostile Fires as per-901 Code)

NON-BUILDING FIRES----- 3,637

( Dumpsters----- 405  
  ( Auto ----- 1,057  
  ( Truck/Bus/Frt.----- 154  
  ( Brush/Rubbish ----- 2,021  
  ( Other ----- 0

MALICIOUS FALSE ALARM ----- 9,828

ALL OTHER RESPONSES ----- 4,866

FIRE RELATED DEATHS----- 21

(civilian----- 21  
  (Firefighter----- 0

MULTIPLE ALARM FIRES----- 50

2nd.Alarm----- 41  
3rd.Alarm----- 6  
4th.Alarm----- 3

SIGNAL-11 FIRES----- 367

( Occupied Bldg.----- 267  
  ( Vacant Bldg.----- 98  
  ( Non-Bldg.----- 2

MUTUAL AID TO ASSIST NEWARK----- 3  
OUT OF CITY RESPONSES ----- 31

BUILDING INSPECTIONS-----	32,294
{by Bureau inspectors) -----	13,757
(Inservice Inspections)-----	18,537
 FIRE CODE VIOLATIONS PROCESSED-----	6,361
{Rec'd from in-Serv.Co's}-----	413
{Bureau Inspectors}-----	4,586
{Telephone/Letters}-----	1,362
 SPECIAL BUREAU DETAILS-----	81
(Public Functions )	
 FIRE PREVENTION LECTURES-----	214
{School Children Involved}-----	53,000
{Other Civic Groups}-----	1,160
 FIRE PREVENTION LITERATURE DISTRIBUTED-----	205,000
 PLANS EXAMINED AND APPROVED-----	403
(Re;Sprinklers/Standpipe/etc.)	
 PERMITS ISSUED-----	3,528
  PERMIT FEES COLLECTED-----	\$44,483
 COURT CASES INITIATED-----	51
(Violations of Fire Code)	
 COURT CASES ATTENDED -----	144
{Postponed}-----	90
{Withdrawn}-----	0
{Dismissed}-----	12
{Bench Warrants}-----	11
{Guilty}-----	31
 FINES COLLECTED-----	\$2,909
 FIRE INVESTIGATIONS-----	791
	2,000
 PHOTOGRAPHS TAKEN -----	
(Hazardous Buildings))	
 LETTERS SENT-----	1,455
{Regular }-----	1,205
{Registered}-----	250
 SMOKE DETECTOR PLANS REVIEWED -----	1,309

FIRE DEATH STATISTICS (6)

<u>MONTH</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>
JAN.	3	1	6	3	0	1	1	2	4	1	3	4	4	4
FEB.	2	7	4	12	4	1	0	4	5	12	0	1	9	1
MAR.	1	3	10	1	3	0	6	1	3	1	3	1	1	0
APR.	8	3	4	5	1	9	0	2	4	9	2	5	1	2
MAY.	6	2	4	2	3	7	2	0	0	4	4	3	0	2
JUNE	1	7	0	5	0	8	0	0	0	1	3	3	1	4
JULY	8	6	1	2	0	1	1	3	1	0	1	2	0	1
AUG.	1	3	0	0	3	1	0	0	5	0	3	0	0	0
SEPT.	0	0	7	2	0	1	1	0	5	1	0	0	2	0
OCT.	2	2	4	1	1	2	0	1	1	0	0	1	6	0
NOV.	3	1	6	2	0	1	1	1	4	6	1	0	1	1
DEC.	1	5	0	3	6	1	4	14	14	2	3	6	0	6
TOTAL	<u>36</u>	<u>40</u>	<u>46</u>	<u>38</u>	<u>21</u>	<u>33</u>	<u>16</u>	<u>28</u>	<u>46</u>	<u>37</u>	<u>23</u>	<u>26</u>	<u>25</u>	<u>21</u>

# FIRE DEATH STATISTICS

(7)

(By Age)

YEAR	TOTAL	6 and UNDER	age 7 to 17	age 18 to 30	age 31 to 50	age 51 to 70	age OVER 70
1969	24	6	0	1	3	10	4
1970	36	9	4	1	6	12	4
1971	40	7	8	5	8	11	1
1972	46	11	7	7	12	4	5
1973	38	12	6	6	5	10	1
1974	21	7	3	1	3	5	2
1975	33	13	5	3	3	9	0
1976	16	3	1	3	2	3	4
1977	28	5	2	5	7	6	2 + 1-Unknown
1978	46	11	8	5	13	6	3
1979	36	6	4	6	4	7	9 + 1-Unknown
1980	23	8	2	2	7	3	1
1981	26	10	1	7	3	3	1 + 1- Unknown
1982	25	5	6	2	4	7	0
1983	21	2	1	2	9	3	2 + 2- Unknown

MULTIPLE ALARMS (8)

<u>MONTH</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>
JAN.	6	5	13	5	5	4	7	7	10	10	5	14	10	6
FEB.	6	3	4	5	5	0	6	6	9	15	13	5	10	0
MAR.	7	8	7	7	4	6	4	4	5	8	7	4	7	3
APR.	14	12	16	6	5	12	4	4	15	11	14	13	3	1
MAY.	6	6	8	9	6	11	4	14	5	7	12	19	8	7
JUNE	6	14	4	9	6	4	8	4	14	6	4	7	4	6
JULY	5	15	9	7	5	5	2	15	12	3	10	10	6	8
AUG.	5	10	8	8	9	3	3	7	10	1	9	11	6	5
SEPT.	5	3	3	9	10	3	3	2	7	5	4	6	8	2
OCT.	2	2	2	5	2	3	1	9	3	4	7	8	9	3
NOV.	2	5	4	8	10	0	8	2	8	7	10	3	6	5
DEC.	9	2	5	4	7	6	12	9	9	7	9	10	7	4
TOTAL	73	85	83	82	74	57	62	83	107	84	104	110	84	50

1983 - MULTIPLE ALARMS - 1983  
(9)

INCIDENT	DATE	TIME	STATION	ADDRESS	SIZE/CLASS	ALARM	
00043	JAN.	2	1734	4145	331-35 -Irving Turner Blvd.	3- 2-st.Fr. Dw. 414-5	2-nd.
00245		5	0442	2145	20- E.Park St.	3-st.Fr. Dw. 422-5	2-nd.
00326		7	0016	5782	910- Doremus Ave.	Storage Tanks841	4-th.
00511		9	2303	5367	441- Ave. P	1-st.Chem. Mfg.761	4-th.
01232		24	0032	5148	46- Albert Ave.	1-st.Pnt. Mfg.765	2-nd.
01473		28	1310	4664	130- 14th. Ave.	3-st.Fr. Dw. 422	2-nd.
03460	MAR.	7	2013	4438	742- So.12th. St.	3-st.Fr.Dw. 422	3-rd.
04691		30	1949	3152	91-93- High St	2- 2-st.Fr.Dw. 414-5	2-nd.
04717		31	0815	4315	420-22- 15th.Ave.	2- 3-st.Fr.Dw. 422-5	2-nd.
04809	APR.	1	1821	4467	490- 92- 18th.Ave.	2- 3-st.Fr.Dw. 422	2-nd.
06462	MAY	2	0123	4241	670- 72- Hunterdon St.	2- 3-st.Fr.Dw. 422-5	2-nd.
06708		6	0430	4353	420-22-24-Springfield Ave.	3- 3-st.Fr.Dw. 422	2-nd.
07228		14	0203	4367	31-33- Jacob St.	3-st.Fr.Dw. 422-5	2-nd.
07462		18	1259	3219	199- Passaic St.	Body Rep.Shop. 573	2-nd.
07873		26	0003	5147	64- Chapel St.	1-st.Br.Fctry. 800-5	2-nd.
08024		28	2004	5251	9- Garden St.	4-st.Br.Fctry. 700-5	2-nd.
08107		30	0857	4633	119- Fabyan Pl.	3- 2½ St.Fr.Dw. 414	2-nd.
08217	JUNE	1	0829	4316	376- So.6th.St.	4-st. Br.Apt. 424	2-nd.
08359		3	0617	4227	239- Rose St.(235,237)	3- 3-st.Fr. Dw. 422-5	2-nd.
08745		9	1939	4135	41,43,45- Elizabeth Ave.	3- 3-st.Fr. Dw. 422-5	2-nd.
09075		14	0119	3121	291-93- Broad St.	3-st.Fr. Dw. 422	2-nd.
09393		18	0206	3245	835- Broadway	3-st.Fr. Dw. 422	2-nd.
09868		25	0121	3121	309- Broad St. (307,311)	3- 3-st.Fr. Dw. 422	3-rd.



1983 - MULTIPLE ALARMS - 1983 (10)

INCIDENT	DATE	TIME	STATION	ADDRESS	SIZE/CLASS	ALARM
10745 JULY	7	1835	4466	607, 09- So. 19th. st.	2- 3- st. Fr. Dw.	2-nd.
10764	8	0217	4433	659- Springfield Ave.	3- st. Fr. Dw.	2-nd.
11324	15	1938	4182	59, 61- Milford Ave.	5- st. Br. Apt.	2-nd.
11446	17	1610	4459	538, 40- So. 18th. St.	2- 3- st. Fr. Dw.	2-nd.
11788	23	1719	4359	613- Clinton Ave.	4- st. Br. Apt.	2-nd.
11895	25	2112	4512	343, 47- Elizabeth Ave.	Auto. Rep. Shop.	2-nd.
12027	28	0149	2132	127- University Ave.	3- 3- st. Fr. Dw.	2-nd.
12194	31	0557	1411	68- 11th. Ave.	3- st. Fr. Dw.	2-nd.
12353 AUG.	3	1135	3481	109- No. 11th. St.	3- st. Fr. Dw.	2-nd.
13131	17	0011	4448	579, 81, 83- So. 12th. St.	3- 2- st. Fr. Dw.	2-nd.
13316	20	1207	2337	350- Mulberry St.	5- st. Br. Fctry.	2-nd.
13484	23	0224	1314	370- Orange St.	5- st. Br. Fctry.	4-th.
13365	21	1233	3123	15- Crane St.	4- st. Br. Apt.	2-nd.
14058 SEPT.	2	0852	1233	397- Central Ave.	3- st. Fr.	2-nd.
14073	2	1559	4452	457- 18th. Ave.	4- st. Br. Apt.	3-rd.
16115 OCT.	10	1948	4635	73- Wolcott Terr.	2- st. Fr. Dw.	2-nd.
16758	22	1158	5597	126- South St.	4- st. Br. Fctry.	2-nd.
17141	29	1610	4329	85, 87, 89, 91- Chadwick Ave.	4-3- st. Fr. Dw.	3-rd.

- 1983 - MULTIPLE ALARMS - 1983 (11)

INCIDENT	DATE	TIME	STATION	ADDRESS	SIZE/CLASS	ALARM
18264	NOV. 18	1403	4315	388 - So. 6th. St.	2 - 3-st. Fr. Dw.	2-nd.
18384	19	2203	4318	377,79,79 <sup>1</sup> / <sub>2</sub> - Springfield Ave.	3- st. Br. Merc.	3-rd.
18627	24	0025	2174	950- McCarter Hwy.	8- st. Br. Whs.	3-rd.
18676	25	0446	3516	720- Broadway	3- st. Fr. Dw.	2-nd.
18807	27	1431	4147	5- Milford Ave.	4- st. Br. Apt.	2-nd.
19439	DEC. 9	2043	5148	8- Albert Ave.	1- st. Metal/Mfg.	2-nd.
19810	18	0220	3271	1875- McCarter Hwy.	2- st. Plastic Mfg.	2-nd.
20532	29	2058	4544	7- Lehigh Ave.	5- st. Br. Apt.	2-nd.
20621	31	1450	1445	422,24- So.15th. St.	4- st. Br. Apt.	2-nd.
			4- Alarm Fires-----	3	Occ. 2	Storage Tanks-1
			3- Alarm " -----	6	Occ. 4	Vac. 2
			2- Alarm " -----	41	Occ. 22	Vac.19
			Total	50	28	21
						1

NEWARK PUBLIC SCHOOLS

(12)

ELEMENTARY SCHOOLS

	ACTUAL FIRES	FALSE ALARM	ALARM MALF.	OTHER INCIDENT	TOTAL RESPONSE
ABINGTON AVE. -----	0	3	4	5	12
ALEXANDER ST. -----	0	6	2	1	9
ANN STREET -----	0	0	11	2	13
AVON AVE. -----	0	16	6	7	29
BELMONT RUNYON -----	0	0	1	0	1
BERGEN ST. -----	1	10	2	2	15
BRAGAW AVE. -----	1	2	0	1	4
BROADWAY -----	1	5	3	1	10
BURNET ST. -----	0	6	0	3	9
CAMDEN MIDDLE-----	0	0	3	2	5
CAMDEN ST. -----	0	7	2	2	11
CHANCELLOR AVE -----	0	3	2	2	7
CHANCELLOR AVE.ANNEX-----	0	0	0	0	0
CLEVELAND -----	1	10	6	7	24
CLINTON AVE.-----	0	3	1	4	8
DAYTON ST. -----	1	2	3	10	16
EIGHTEENTH AVE. -----	0	5	5	1	11
ELLIOTT ST. -----	0	10	7	13	30
FIFTEENTH.AVE. -----	0	6	16	13	35
FIRST AVE. -----	0	2	4	1	7
FOURTEENTH AVE. -----	0	0	1	0	1
FRANKLIN -----	0	1	5	4	10
G.W.CARVER -----	2	19	22	6	49
HARRIET TUBMAN -----	0	2	5	2	9
HAWKINS.ST. -----	0	1	4	3	8
HAWTHORNE Ave.-----	0	1	1	5	7
LAFAYETTE.ST. -----	0	0	4	5	9
LAFAYETTE ST.ANNEX -----	0	0	0	0	0
LINCOLN -----	0	1	6	6	13
L.A.SPENCER -----	0	9	6	1	16
MADISON -----	0	5	1	2	8
MAPLE AVE. -----	0	3	3	1	7
Dr.M.L.KING JR. -----	0	4	2	5	11
McKINLEY -----	1	10	8	1	20
MILLER ST. -----	0	1	1	1	3
MORTON ST. -----	1	0	4	6	11
Mt.VERNON -----	1	5	4	6	16
NEWTON ST. -----	0	11	3	2	16
OLIVER ST. -----	0	4	5	1	10
PESHINE AVE. -----	0	1	1	0	2
QUITMAN -----	1	6	6	2	15
RIDGE ST. -----	0	0	0	4	4
ROBERTO CLEMENTE-----	0	10	3	6	19
ROBERTO CLEMENTE ANNEX---	0	0	0	1	1
ROSEVILLE AVE. -----	0	1	1	0	2
SOUTH ST. -----	0	2	1	1	4
SO.17th.STREET.-----	0	39	3	5	47
SPEEDWAY -----	0	2	2	9	13
SUSSEX AVE. Annex -----	0	3	0	0	3
OTHER -----	1	4	7	6	18

(13)

ELEMENTARY SCHOOL (cont.)

	ACTUAL FIRE	FALSE ALARM	ALARM MALF.	OTHER INCIDENT	TOTAL RESPONSE
SUSSEX AVE. ANNEX-----	0	1	5	2	8
THIRTEENTH AVE. -----	1	8	5	2	16
WARREN ST. -----	0	6	9	1	16
WEST KINNEY MIDDLE -----	0	0	4	1	5
DR. WILLIAM HORTON-----	1	2	4	1	8
WILSON AVE. -----	0	2	10	6	18

JUNIOR HIGH SCHOOL

BROADWAY JUNIOR HIGH-----	1	4	0	1	6
---------------------------	---	---	---	---	---

SENIOR HIGH SCHOOL

ARTS HIGH -----	1	3	4	0	8
BARRINGER HIGH -----	0	14	10	6	30
BARRINGER PREP.-----	0	2	10	1	13
CENTRAL HIGH -----	4	5	4	1	14
EAST SIDE -----	20	32	51	21	124
ED.CTR.for YOUTH -----	0	0	0	0	0
M.X. SHABAZZ -----	1	15	6	1	23
NEWARK EVENING HIGH -----	0	0	0	0	0
SCIENCE HIGH -----	0	0	1	0	1
UNIVERSITY HIGH -----	0	0	1	0	1
VAILSBURG HIGH -----	1	1	1	4	7
WEEQUAHIC -----	0	9	25	2	36
WEST SIDE -----	0	21	28	12	61

PROFESSIONAL ART SCHOOL  
POST HIGH SCHOOL LEVEL

NEWARK SCHOOL of FINE & INDUSTRIAL ART -----	0	0	0	0	0
---	---	---	---	---	---

(14)

SPECIAL SCHOOLS

	ACTUAL FIRES	FALSE ALARM	ALARM MALF.	OTHER INCIDENT	TOTAL RESPONSE
FLOYD PATTERSON -----	0	0	2	5	7
MONTGOMERY STREET -----	0	13	3	0	16
ARLINGTON AVE.-----	0	0	0	0	0
BOYLAN STREET -----	0	1	2	1	4
BRANCHBROOK -----	0	0	0	0	0
BRUCE STREET ----- (at G.W.CARVER)	0	0	0	0	0
CHESTNUT -----	1	0	4	0	5
HELEN A.KELLER ----- (at L.A.SPENCER)	0	0	0	0	0
JOHN F.KENNEDY -----	0	0	1	1	2
SAMUEL L.BERLINER -----	0	0	0	0	0
 <u>TOTAL</u>	 42	 380	 377	 237	 1,037

# HIGH RISE BUILDING REPORT

(15)

N.H.A.

	ACTUAL FIRES	INCINERATOR COMPACTOR	FALSE ALARM	OTHER	TOTAL RESPONSE
BAXTER APTS. -----	6	1	5	8	20
BAXTER ELDERLY-----	0	0	0	2	2
BRADLEY COURT -----	3	0	0	1	4
COLUMBUS HOMES-----	78	1	8	74	161
FELIX FULD -----	3	0	3	12	18
HAYES HOMES -----	62	5	16	46	129
HAYES ELDERLY-----	0	0	0	2	2
HYATT COURT -----	0	0	1	4	5
KRETCHMER HOMES -----	67	8	10	54	139
KRETCHMER ELDERLY----	5	4	0	3	12
PENNINGTON COURT-----	1	0	32	11	44
ROOSEVELT HOMES -----	4	0	0	13	17
SCUDDER HOMES -----	68	11	8	23	110
SCUDDER ELDERLY-----	0	0	0	0	0
SETH BOYDEN COURT-----	7	0	1	29	37
SETH BOYDEN ELDERLY--	0	0	0	0	0
STEPHEN CRANE -----	1	0	6	12	19
STEPHEN CRANE ELDERLY	0	0	0	8	8
WALSH HOMES -----	32	3	9	28	72
WALSH ELDERLY-----	0	0	0	0	0
WRIGHT -----	87	15	22	57	181
TOTAL -----	424	48	122	388	982
OTHER THAN N.H.A	84	48	31	188	352

## E-FIRES-AREA OF ORIGIN

(16)

TOTAL

## 0. MEANS OF EGRESS

01. Hallway, corridor, mall -----	138
02. Exterior stairway, fire escape -----	3
03. Interior stairway, ramp -----	39
04. Escalator -----	0
05. Lobby, entrance way -----	15

## 1- ASSEMBLY, SALES AREA

11. Large area w/fixed seats (100 or more)-----	2
12. Large open room w-o fixed seats -----	0
13. Small area less than 100 -----	1
14. Lounge area, living room-den etc. -----	3
15. Sales, showroom, shop area -----	0
16. Library -----	0

## 2- FUNCTIONAL AREA

21. Sleeping room under 5 persons-----	86
22. Sleeping area for 5-or more persons -----	2
23. Dining area, lunchroom, cafeteria -----	0
24. Kitchen, cooking area -----	93
25. Lavatory, locker room, cloakroom -----	24
26. Laundry room -----	2
27. Office -----	2
28. Personal service area, health club etc. -----	0

## 3- FUNCTIONAL AREA (continued)

31. Laboratory -----	0
32. Printing/photo room -----	0
33. First aid treatment area -----	0
35. Electrical/data processing area -----	0
36. Stage, dressing room area -----	0
37. Projection room -----	0
38. Process, mfg, workroom area -----	1

## 4- STORAGE AREA

41. Storage tank or bin -----	3
42. Closet -----	2
43. Supply storage room -----	17
44. Record storage room, vault-----	8
46. Trash, rubbish area, container -----	72
45. Shipping, receiving area-----	6
47. Garage, carport-----	3

## E-5. SERVICE FACILITIES

(17)

TOTAL

51. Elevator, dumb waiter -----	15
52. Utility shaft -----	12
53. Light shaft -----	0
54. Chute, laundry-mail -----	0
55. Duct, heat-air Cond. -----	5
56. Display window -----	0
57. Chimney -----	13
58. Conveyor -----	2

## 6. SERVICE, EQUIPMENT AREA

61. Machinery room -----	1
62. Heating equipment room -----	1
64. Incinerator room -----	0
65. Maintenance shop, -----	0

## 7. STRUCTURAL AREA

72. Open porch -----	32
74. Concealed ceiling/roof space -----	3
75. Concealed wall space -----	0
76. Exterior wall surface -----	34
77. Exterior roof surface -----	25
78. Awning -----	1

## 8. TRANSPORTATION, VEHICLE AREA

81. Passenger area -----	163
82. Trunk area -----	55
83. Engine area -----	414
84. Fuel tank, line area -----	8
85. Control area -----	143
86. Exterior area -----	25
89. N.C.A. -----	335



## F. EQUIPMENT INVOLVED IN IGNITION

(18)

TOTAL

### 1- HEATING SYSTEM

11. Central heating unit -----	4
12. Water heater -----	1
13. Fixed, stationary local heating unit -----	14
14. Indoor Fireplace -----	0
15. Portable local heating unit -----	6
16. Chimney, Vent, Flue -----	1
17. Chimney connector, vent, connectors -----	0
18. Heat transfer system -----	

### 2- COOKING EQUIPMENT

21. Fixed, stationary surface unit -----	404
22. Fixed, stationary ovens, rotisseries -----	15
23. Fixed, stationary food warmers -----	4
24. Deep-fat fryer -----	2
25. Portable cooking, warming unit -----	3
26. Open fired grill -----	1
27. Grease hood, duct -----	1

### 3-AIR CONDITIONING, REFRIGERATION EQUIP.

31. Central air cond. refrigeration -----	0
32. Water cooling device -----	0
33. Fixed, stationary local refrig. unit -----	2
34. Fixed, stationary local air cond. unit -----	1
35. Portable air cond. refrig. unit -----	1

### 4- ELECTRICAL DISTRIBUTION EQUIP.

41. Fixed wiring -----	2
42. Transformer, associated overcurrent equip. -----	4
43. Meter, meter box -----	2
44. Panelboard, switchboards, fuses -----	2
45. Switch, receptical, outlet -----	0
46. Ballast, light fixture, sign -----	41
47. Cord, plug -----	1
48. Lamp, light bulb -----	0

## 5- APPLIANCE,EQUIPMENT

51- Television,radio,tape recorder -----	2
52- Dryer -----	7
53- Washing machine -----	1
55- Motor,generator -----	11
56- Hand tool,soldering iron -----	0
57- Electric blanket,steam iron -----	0
59- Dishwasher -----	4

## 6- SPECIAL EQUIPMENT

61. Electronic- X-ray,computer -----	2
62. Vending machine -----	0
63. Office machine -----	1
64. Biomedical equipment,device -----	0
65. Pump,compressor -----	1
66. Internal combustion engine -----	0
67. Conveyor -----	1
68. Printing press -----	0

## 7- PROCESSING EQUIPMENT

71. Furnace,oven,kiln -----	5
72. Casting,molding equip. -----	0
73. Heat treating equip. -----	2
75. Coating,asphalt - rubber -----	6
76. Painting,dipping,spraying -----	0
77. Chemical process,digesters,reactors -----	0
78. Waste recovery equip. -----	0

## 8- SERVICE,MAINTENANCE EQUIPMENT

81. Incinerator -----	48
84. Tar pot -----	12
85. Arc,oil lamp -----	0
86. Elevator -----	3
87. Torches,cutting,welding -----	3

## 1-HEAT FROM FUEL-FIRED, FUEL-POWERED EQUIP. (Gas-Liq.)

TOTAL

11. Spark, heat from cutting torch -----	12
12. Spark, heat from welding torch -----	1
14. Spark, flame escaping from gas fueled equip.-----	0
16. Spark, flame escaping from liquid fueled equip.-----	0

## 2-HEAT FROM FUEL-FIRED, FUEL POWERED EQUIP. (Solid fuel

21. Spark from wood/paper fueled equip. -----	0
22. Heat from wood/paper fueled equip. -----	0
26. Heat from other solid fueled equip. -----	0

## 3-HEAT FROM ELECTRICAL EQUIPMENT

31. Water caused short circuit -----	3
32. Short circuit from mechanical damage -----	0
33. Short circuit from ,defective insulation-----	2
34. Short circuit arc unspecified -----	0
37. Heat from overloaded equipment -----	0

## 4-HEAT FROM HOT OBJECT

41. Heat, spark from friction -----	1
43. Hot ember ash -----	0
45. Rekindle, reignition-----	1
47. Heat from improperly operated elect.equip.-----	1

## 5-HEAT FROM EXPLOSIVE, FIREWORKS

51. Munitions -----	0
53. Blasting agent -----	0
54. Fireworks -----	0
56. Incendiary device -----	0

## 6- HEAT FROM OTHER OPEN FLAME, SPARKS, SMOKING MAT.

TOTAL

61. Cigarette -----	12
62. Cigar -----	0
63. Pipe -----	0
65. Match, Lighter -----	4
66. Candle, taper -----	10
67. Warning flare, Fuse -----	0
68. Backfire from internal combustion engine -----	0

## 7- HEAT FROM NATURAL SOURCE

71. Sun's heat -----	0
72. Spontaneous ignition, Chem. reaction -----	4
73. Lightning discharge -----	0
74. Static discharge -----	0

## 8- HEAT FROM ANOTHER ,HOSTILE FIRE(exposure)

81. Heat from direct flame -----	0
82. Radiated heat -----	0
83. Heat from flying brand, ember -----	0
84. Conducted heat -----	0
89. Not classified above -----	0

## 9- OTHER FORM OF HEAT OF IGNITION

97. Multiple form of heat of ignition -----	0
99. Form of heat of ignition not classified above ---	0

## 1- STRUCTURAL COMPONENT, FINISH

TOTAL

11. Exterior roof covering -----	3
12. Exterior sidewall covering -----	1
13. Exterior trim, door, porch -----	7
14. Floor covering, tile, carpet, rug -----	1
15. Interior wall covering -----	0
16. Ceiling covering, acoustic tile etc. -----	0
17. Structural members, framing -----	113
18. Thermal insulation within wall -----	0

## 2- FURNITURE

21. Upholstered sofa, chair -----	58
22. Non-upholstered chair, bench -----	2
23. Cabinetry, chest, bookcase -----	0
24. Ironing board -----	0
25. Appliance housing or casing -----	2

## 3- SOFT GOODS, WEARING APPAREL

31. Mattress, pillow -----	224
32. Bedding, blanket, sheet -----	4
33. Linen other than bedding -----	6
34. Wearing apparel not on person -----	0
35. Wearing apparel on person -----	1
36. Curtain, blind, drapery -----	1
38. Luggage -----	2

## 4- ADORNMENT, RECREATIONAL MATERIAL

41. Christmas tree -----	0
42. Decoration for special events -----	0
43. Book -----	1
44. Magazine, newspaper etc. -----	4
45. Toy, games -----	0
46. Awning, canopy -----	4
47. Tarpaulin, tent -----	1

(HA-cont.)

5-SUPPLIES, STOCK

(23)

TOTAL

51.Box, carton, bag -----	7
52.Basket, barrel -----	0
53.Pallet, skid -----	4
55.Packing, wrapping material -----	0
54.Rope, cord, twine -----	0
56.Bale storage -----	3
57.Bulk storage -----	0
58.Cleaning supplies -----	5

6-POWER TRANSFER EQUIPMENT, FUEL

61.Electrical wire, insulation -----	29
62.Transformer -----	1
63.Conveyor belt, drive belt -----	0
64.Tire -----	18
65.Fuel -----	4

7-GENERAL FORM

71.Agricultural prod.-----	1
72.Fence, pole -----	0
73.Fertilizer -----	5
74.Growing form, brush, grass -----	384
75.Rubbish, trash -----	1,598
76.Cooking material -----	58
77.Sign -----	1

8-SPECIAL FORM

81.Dust, fiber, lint -----	0
82.Pyrotechnics, explosives -----	0
83.Atomized, vaporized liquid -----	0
84.Chips -----	0
85.Palletized material -----	0
86.Gas, liquid from pipe or container -----	0
87.Rolled material -----	0
88.Adhesive -----	0

9-OTHER FORM OF MATERIAL

91.Railroad ties -----	33
------------------------	----

(HB)

TYPE OF MATERIAL FIRST IGNITED

(24)

0- WOOD CELLULOSE-NATURAL OCCURING.

	TOTAL
01. Grass -----	11
02. Leaves -----	93
03. Duff -----	0
04. Peat -----	0
05. Tree/Brush -----	39
06. Snag -----	1
07. Logs -----	1
08. Slash -----	0

1- GAS

11. Natural Gas -----	1
12. L.P. City Gas -----	0
13. Manufactured Gas -----	2
14. L.P.-Gas -----	2
15. Anesthetic Gas -----	0
16. Acetylene Gas -----	1
17. Special Gas other than Anesthetic -----	0
18. Hydrogen Gas -----	0

2- Flammable COMBUSTIBLE LIQUIDS

21. Class 1A Flammable liquids -----	0
22. Class 1B Flammable liquids -----	3
23. Gasoline -----	10
25. Class 11 Combustible liquids -----	4

3- VOLATILE SOLIDS,CHEMICAL

31. Grease, fat (food) -----	16
32. Grease (non-food) -----	0
33. Polish, paraffin, wax -----	0
34. Adhesive, resin, tar -----	0
35. Applied Paint, varnish -----	3
36. Combustible material, magnesium -----	3
37. Solid Chemical -----	2

## TYPE OF MATERIAL FIRST IGNITED (cont.)

(25)

4. PLASTICS	TOTAL
41. Rigid -----	1
42. Foam -----	4
43. Flexible -----	0
45. Film plastics -----	0
5. NATURAL PRODUCTS	
51. Rubber -----	11
52. Cork -----	0
53. Leather -----	1
54. Grass-leaves-hay-straw -----	3
55. Grain -feathers-flax - hemp -----	0
56. Coal-coke- briquettes -----	0
57. Food starch -----	0
58. Tobacco -----	0
6. WOOD , PAPER	
61. Growing wood -----	10
62. Felled but unsawn wood -----	3
63. Sawed wood,finished lumber -----	7
64. Wood shavings,sawdust -----	1
65. Hardboard,plywood -----	4
66. Fiberboard,pressboard-wood products -----	0
67. Paper,untreated,uncoated -----	26
68. Cardboard -----	6
7. FABRIC,TEXTILE,FURS	
71. Man-made fiber,fabric -----	0
72. Cotton, rayon -----	0
73. Wool,wool mixture -----	0
74. Fur silk -----	0
75. Wig -----	0
76. Human hair -----	0
8. MATERIAL COMPOUNDED WITH OIL	
81. Linoleum -----	1
82. Oil cloth -----	0
83. Treated or coated paper -----	0
84. Waterproof canvas -----	0
85. Asphalt treated material -----	3



(I) IGNITION FACTOR

(26)

	TOTAL
1-INCENDIARY	
11. Incendiary -----	739
2- SUSPICIOUS	
21. Suspicious -----	369
3- MISUSE OF HEAT OF IGNITION	
31. Abandoned,discarded,cigarettes etc.-----	4
32. Thawing -----	0
33. Falling asleep -----	10
34. Inadequate control of open fire -----	0
35. Cutting,welding,too close to. -----	0
36. Children playing with -----	8
37. Drug,alcohol-impaired-----	1
4- MISUSE OF MATERIAL IGNITED	
41. Fuel spilled accidentally -----	2
42. Improper fueling technique -----	0
43. Flammable liquid used to kindle fire-----	0
44. Washing,cleaning parts W/flamm.liquid-----	1
45. Improper container -----	0
46. Combustible too close to heat -----	1
47. Improper storage -----	0
48. Children playing with -----	8
5- MECHANICAL FAILURE,MALFUNCTION	
51. Automatic control failure-----	2
52. Manual control failure -----	0
53. Short circuit -----	10
54. Part failure,leak -----	0
55. Other electrical failure-----	2
56. Lack of maintenance -----	0
57. Backfire -----	0

(I) IGNITION FACTOR (cont.)

(27)

6- DESIGN, CONSTRUCTION , INSTALLATION DEFICIENCY

	TOTAL
62. Construction deficiency -----	0
63. Installed too close to combustibles -----	0
64. Other installation deficiency -----	0
69. Not classified above -----	0

7- OPERATIONAL DEFICIENCY

71. Collision, overturn -----	3
72. Accidentally trnd. on, turned off -----	0
73. Equipment unattended -----	0
74. overload -----	2
75. Failure to clean -----	0
76. Improper startup, shutdown procedure -----	0
77. Equipment used for purpose not intended -----	0
78. Not operated properly -----	0

8- NATURAL CONDITION

81. High wind -----	0
83. High water -----	0
84. Lightning -----	0
89. Not classified above -----	0

9- OTHER IGNITION FACTOR

92. Rekindle from previous fire -----	38
93. Exposure fire -----	10
99. Not classified above -----	0

## J.C.A TYPE OF INCIDENT

(28)

### 2- OVERPRESSURE,OVERHEATING(no ensuing fire))

21. Steam rupture-----	13
22. Air,gas rupture-----	11
29. Overheat,explosion-----	0

### 3- RESCUE,EMERGENCY MEDICAL CALL

31. Medical assist-----	1
32. Emergency medical call-----	415
35. People trapped-----	5
33.. Lock-Out -----	62

### 4- HAZARDOUS CONDITION,STANDBY

41.Gas leak/Flamm.liq.spill-----	276
44.Elect.ark/short-----	229
45.Oilburner delayed ignition-----	209
46.Vehicle accident-----	258
49.Haz. cond. standby-----	6

### 5- SERVICE CALL

51.Locked out/etc.-----	35
52.Water problem-----	166
53.Smoke/odor condition-----	283
54.Animal problem-----	29
55.Police assist-----	129
56.Unauthorized burning-----	72

### 6- GOOD INTENT CALL

61.Incident cleared prior to arrival-----	17
62.Wrong location-----	11
63.Controlled burning-----	4
64.Multiple box pull-----	3
65.Steam/gas mistaken for smoke-----	127

### 7- FALSE CALL

73.Malfunction of system-----	945
74.Unintentional -----	104
79.N.C.A.-----	18

## 11. FIXED USE AMUSEMENT PLACES

## FIRES-INSPECTIONS-VIOLATIONS

111. Bowling -----	0	0	0
112. Billiard, pool hall-----	0	0	0
113. Bingo, dance hall-----	2	98	9
114. Ice rink -----	0	0	0
115. Roller rink -----	0	0	0
119. Not classified above -----	4	0	0

## 12. VARIABLE USE AMUSEMENT PLACES

121. Ballroom, gymnasium -----	0	0	0
122. Exhibition hall -----	1	12	2
123. Arena, grandstand -----	3	10	3
124. Playground -----	8	6	1

## 13. CHURCH, FUNERAL PARLORS

131. Church, chapel -----	6	6	0
132. Religious education -----	0	0	0
133. Church hall-meeting-----	0	0	0
134. Funeral parlor, morgue -----	0	0	0

## 14. CLUBS

141. Boys Club -----	4	4	0
143. Yacht club-----	0	0	0
149. Not classified above-----	0	0	0

## 15. LIBRARIES, MUSEUM, COURTS

151. Library-----	0	4	0
152. Museum, art gallery-----	1	1	0
153. Historical building-----	0	0	0
154. Memorial building -----	0	0	0
155. Court room -----	0	0	0

## 16. EATING, DRINKING PLACES

161. Restaurant, diner-----	4	46	18
162. Nightclub -----	0	0	0
163. Tavern -----	6	212	23
164. Lunchroom, drive-in-----	1	12	3

## 17-PASSENGER TERMINALS

(30)

## FIRE-INSPECTIONS-VIOLATIONS

171. Airport, pass. term.-----	2	12	0
172. Heliport, helistop -----	0	4	0
173. Bus passenger term.-----	0	0	0
174. St. level rail term.-----	2	2	0
175. Undergrnd. rail term.-----	0	0	0
176. Elevated rail term.-----	0	6	2
177. Marine pass. term.-----	0	0	0

## 18-THEATER, STUDIOS

181. Legitimate theater -----	0	0	0
182. Auditorium, concert hall -----	2	10	3
183. Motion pix theater -----	0	6	0
184. Drive-in theater-----	0	0	0
185. Radio, T.V. studio-----	1	1	0
186. Motion pix studio-----	0	0	0

## 19-EDUCATIONAL PROPERTY

## 21. NON-RESIDENTIAL SCHOOLS

211. Nursery school-----	0	105	12
212. Kindergarten -----	0	0	0
213. Elementary School-----	14	117	19
214. Junior high school-----	3	32	8
215. High school-----	25	61	14

## 22-RESIDENTIAL SCHOOL

221. Boarding school-----	0	0	0
---------------------------	---	---	---

## 23- TRADE, BUSINESS SCHOOL

231. Vocational trade school-----	3	7	2
232. Business school -----	0	0	0
233. Specialty school -----	1	6	2
234. Rehabilitation center-----	0	0	0

## 24- COLLEGE, UNIVERSITY

241. College, university -----	2	4	0
--------------------------------	---	---	---

## 3-INSTITUTIONAL PROPERTY

(31)

## FIRE-INSPECTION-VIOLATIONS

## 31.CARE FOR THE AGED

311. Care/aged w/nursing -----	1	46	8
312. Care/aged w/o nursing-----	0	12	0

## 32.CARE OF THE YOUNG

321. Day child-care center-----	0	16	0
322. Orphanage -----	0	0	0
323. Foster home -----	0	0	0

## 33.CARE OF THE SICK, INJURED

331. Hospital -----	15	92	11
332. Sanitarium -----	0	0	0
334. Clinic -----	0	8	0

## 34. CARE OF THE PHYSICALLY RESTRAINED

341. Prison cell-men-----	0	2	1
342. Prison cell-women -----	0	0	0
343. Juvenile detention home-----	3	3	0
345. Police station-----	0	0	0

## 35. CARE OF THE PHYSICALLY INCONVENIENCED

351. Care of deaf-mute-blind-----	0	0	0
352. Physical rehabilitation -----	0	0	0

## 36.CARE OF MENTALLY HANDICAPPED

361. Mental institution-----	0	0	0
362. Mentally retarded-----	0	0	0

## 30. INSTITUTIONAL PROPERTY, UNCLASSIFIED

309. Institutional unclassified-----	2	0	0
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## RESIDENTIAL PROPERTY

(32)

## FIRES-INSPECTIONS-VIOLATIONS

## 41-ONE AND TWO FAMILY DWELLINGS

411. One family dwelling-----	7	86	0
414. Two family dwelling-----	283	297	9

## 42- APARTMENTS, TENEMENTS, FLATS

421. 1 or 2 units w/business-----	30	1,091	126
422. 3 through 6 units-----	329	3,102	235
423. 7 through 20 units-----	45	1,009	138
424. over 20 units -----	540	2,931	663

## 43- ROOMING, BOARDING, LODGING HOUSE

431. 3 to 8 roomers -----	0	412	98
432. 9 to 15 roomers-----	0	196	76

## 44- HOTELS, MOTELS, INNS

441. Less than 20 units-----	2	46	10
443. 20 to 90 units-----	6	217	43
445. 100 or more units -----	3	123	27

## 46- DORMITORIES

461. School, college dorm.-----	1	12	2
462. Fraternity, sorority -----	2	6	0
463. Nurses quarters-----	0	0	0
465. Convent, monastery-----	0	0	0
466. Workers bunk house -----			

## 48- HOME HOTELS

481. Less than 20 units -----	0	0	0
483. 20 to 99 units -----	0	0	0
485. 100 or more units -----	0	0	0

## 49 - OTHER RESIDENTIAL OCCUPANCY

491. Children's playhouse -----	0	0	0
492. Outdoor tents-----	0	0	0

## 5- STORE, OFFICE PROPERTY

(33)

## FIRES-INSPECTIONS-VIOLATIONS

## 51. FOOD AND BEVERAGE SALES

511. Supermarket -----	2	16	5
512. Grocery store -----	10	29	6
513. Specialty food store-----	0	0	0
514. Liquor, beverage store-----	1	42	7
515. Creamery, dairy store-----	0	0	0
516. Delicatessen-----	3	3	0
519 . N.C.A -----	9	0	0

## 52. TEXTILE, WEARING APPAREL SALES

521. Clothing store-----	1	32	4
522. Clothing access-shoe store-	0	10	3
523. Shoe repair shop-----	0	0	0
524. Tailor, dressmaking shop----	0	0	0
525. Fur store-----	0	0	0
526. Dry goods store -----	0	0	0

## 53. HOUSEHOLD GOODS, SALES, REPAIRS

531. Furniture store-----	1	36	5
532. Appliance store-----	2	14	3
533. Hardware store -----	0	12	0
534. Music store -----	0	0	0
535. Wallpaper, paint store -----	0	0	0
536. Rug, floor covering store---	0	0	0
537. Furniture REPAIR-----	0	0	0
538. Appliance repair shop -----	0	0	0

## 54. SPECIALTY SHOP

541. Book , stationery store-----	0	12	2
542. Newsstand, tobacco shop-----	0	0	0
543. Drug store-----	0	0	0
544. Jewelry store -----	0	0	0
545. Gift store-----	0	0	0
546. Leather goods shop -----	0	0	0
547. Florist , greenhouse -----	1	12	0
549 . N.C.A -----	29	0	0



## 7- MANUFACTURING PROPERTY

(34)

## FIRES-INSPECTIONS-VIOLATIONS

## 71. FOOD

711. Slaughter,meat-----	2	2	0
712. Dairy products mfg.-----	0	0	0
713. Canning,fruit,vegetables----	0	0	0
714. Canning, sea food-----	0	0	0
715. Grain prod.mfg.-----	0	0	0
716. Baking prod.mfg.-----	0	12	0
717. Sugar refinery -----	0	0	0
718. Snack food mfg. -----	0	0	0
719 . N.C.A -----	6	0	0

## 72. BEVERAGE,TOBACCO,ESSENTIAL OILS

721. Distilling,spirits-----	0	0	0
723. Brewery -----	3	3	0
724. Soft drinks -----	0	0	0
725. Tobacco prod.mfg.-----	0	0	0
726. Soap Mfg.-----	.0	0	0

## 73. TEXTILES

732. Cotton,weaving-----	0	0	0
734. Mixed fiber,weaving-----	0	0	0
735. Textile finishing -----	0	0	0
736. Knitting mill -----	0	0	0
737. Cordage,rope mfg.-----	0	0	0
738. Floor covering -----	2	2	0

## 74. FOOTWEAR,WEARING APPAREL

741. Footwear mfg.-----	1	4	0
742. Wearing apparel mfg.-----	1	2	0
743. Made-up textile mfg.-----	0	0	0
744. Tannery -----	1	1	0
745. Fur,fur prod. mfg.-----	0	0	0
746. Leather prod.mfg. -----	0	0	0
747. Rubber prod.mfg. -----	3	3	0

## 75. WOOD,PAPER,FURNITURE,PRINTING

751. Sawmill -----	0	0	0
752. Wooden ware mfg.-----	0	0	0
753. Wood,cork prod.mfg.-----	0	0	0
754. Furniture mfg.-----	0	0	0
755. Paper,paperboard mfg.-----	0	0	0
756. Paperboard prod mfg.-----	1	1	0
757. Newspaper,magazine -----	0	0	0

## 76. CHEMICAL, PLASTIC, PETROLEUM

## FIRES-INSPECTIONS-VIOLATION

761. Industrial chem. mfg.-----	11	46	6
762. Hazardous chem.mfg.-----	0	12	2
763. Plastic mfg.-----	2	2	0
764. Plastic prod.mfg.-----	3	6	1
765. Paints,adhesives mfg.-----	4	12	2
766. Drugs.cosmetics mfg. -----	0	0	0
767. Petroleum,gas refinery-----	1	12	0
768. Asphalt,coal prod.mfg,-----	0	0	0

## 77. METAL,METAL PRODUCTS

771.Iron,steel mfg.-----	5	12	0
772.Non-ferrous metal mfg.-----	1	2	0
773.Metal prod.mfg.-----	6	12	2
774.Machinery mfg.-----	0	0	0
775.Elect.machinery mfg.-----	1	2	0
776.Elect.appliance mfg.-----	1	2	0

## 78. VEHICLE ASSEMBLY,MANUFACTURE

781.Ship repairing (over65")-----	0	0	0
782.Ship repair (under 65')-----	0	0	0
783.Railway equip.mfg.-----	0	0	0
784.Motor vehicle mfg.-----	0	0	0
785.B cycle assembly mfg.-----	0	0	0
786.Aircraft,rocket assy.-----	0	0	0
787.Transport equip. mfg.-----	0	0	0

## 79. OTHER MANUFACTURING

791.Instrument mfg.-----	1	1	0
792.Photo.optical mfg.-----	0	0	0
793.Watch,clock mfg.-----	0	0	0
794.Jewelry mfg. -----	0	0	0
795.Musical instr.mfg.-----	0	0	0
796.Dry cleaning plant-----	1	6	2
797.Photo film process lab.-----	0	0	0
798.Toy,sporting goods mfg.-----	0	0	0

## 70. MANUFACTURING PROPERTY,UNCLASSIFIED

708. General maintenance shop.---	0	0	0
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## 86. CHEMICAL, PLASTIC PRODUCTS

## FIRES-INSPECTIONS- VIOLATIONS

861.Industrial chemical-----	2	24	6
862.Hazardous chemical -----	0	12	2
863.Plastic-plastic product-----	0	0	0
864.Fertilizer-----	0	0	0
865.Paint-varnish-----	3	12	2
866.Drugs-cosmetics-----	0	0	0
867.Rubber.rubber prod.-----	0	0	0
868.Photo/film storage-----	0	0	0

## 87.METAL.METAL PRODUCT STORAGE

871.Basic metal form-----	0	0	0
872.Metal parts-----	0	0	0
873.Hardware-----	0	7	0
874.Machinery-----	0	0	0
875.Elect.appliance supp.-----	0	0	0
876.Finished metal prod.-----	0	0	0
877.Scrap/junk yards-----	9	36	10

## 88.VEHICLE STORAGE

881.Garage,residential-----	42	76	6
882.Garage,parking -----	4	24	2
883.Bus-car-truck fleet dealer-----	2	12	0
884.Heavy machine equip.-----	0	0	0
885.Marinas-boat,ship-----	0	0	0
886.Aircraft hanger-----	0	0	0
887.Railway storage-----	0	0	0
888.Fire station-----	0	0	0

## 89.GENERAL ITEM STORAGE

891.General warehouse -----	8	20	5
892.Bagged mineral prod.-----	0	0	0
893.Packaged mineral prod.-----	0	0	0
894.Freight terminal-----	0	0	0
895.Coal/coke/charcoal-----	0	0	0
897.Ice storage-----	0	0	0
898.Wharf/pier-----	0	0	0

## 80.STORAGE PROPERTY, UNCLASSIFIED

808. Tool shed -----	28	0	0
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# 91. CONSTRUCTION, UNOCCUPIED PROPERTY (37) FIRES- INSPECTIONS-VIOLATIONS

DAI-	1. Under construction-----	0	24	3
	5. Vacant property-----	413	5,137	2,104
	6. Abandoned-----	0	0	0
	7. Being demolished-----	0	0	0

## 92. SPECIAL STRUCTURES

### FIRES

921. Bridge. trestle -----	5
922. Tunnel-----	0
923. Public mailbox-----	5
924. Toll station-----	1
925. Shelter, bus, storm-----	2
926. Outbuilding-----	0
927. Telephone booth-----	2

## 93. OUTDOOR PROPERTIES

930. Insufficient information-----	299
931. Open land/field-----	41
932. Dump/land fill -----	2
933. Residential yard-----	591
934. Cemetery-----	19
936. Vacant lot -----	300
938. Parks -----	112
937. River front-----	3

## 94. WATER AREA

942. Port, channel -----	0
946. Inland water area-----	0
943. Piers -----	0

## 95. RAILROAD PROPERTY

951. Railroad right of way-----	78
952. Switchyard-----	10
953. Siding-----	2

## 96. ROAD, PARKING PROPERTY

961. Divided hwy.-----	38
962. Paved public street-----	257
963. Paved private street-----	12
965. Open parking lot-----	16

## 97. AIRCRAFT AREAS

971. In flight -----	0
972. On runway-----	6
974. at loading ramp-----	0

## 98. OUTSIDE EQUIPMENT- OPER. AREA

981. Construction site-----	5
984. Industrial plant yard -----	2

DIVISION OF INVESTIGATION

(Arson Squad)

Annual Report for the year 1983  
submitted by  
Deputy Chief James V. Raymond

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The following is a report of the activities of the Arson Squad of the Newark Fire Department for the year 1983:

The complete records of all investigations conducted by the Arson Squad, including photographs, evidence, statements, etc., are on file in the Arson Squad office and will be made available to interested parties where needed for deposition, Grand Jury presentation, criminal prosecution, civil suit or for any purpose demanded by law.

Records of juvenile apprehensions, adult arrests, together with court disposition of these arrests, are on file in the Arson Squad office, and will be made available to the proper authorities on request.

The Arson Squad has maintained a daily association with other bureaus of municipal government, such as the Newark Police Department Youth Aid Bureau, Board of Education, Fire Prevention Bureau and the Department of Health and Welfare.

Throughout the past year, we have continued our liaison with the New Jersey State Police, Essex County Prosecutor's office, Federal Bureau of Investigation, Alcohol, Tobacco and Fire Arms, New Jersey Motor Vehicle Department, New Jersey and Family Services. These agencies have given us important assistance in many of our investigations and we express our gratitude for this help.

The Division of Investigation received a grant in 1982, from Factory Mutual Engineering Systems, to establish a modern Arson Library. This consisted of books, slides and films. This library has been made available to arson squads in the northern counties to update and intensify their in-service training. This library is being used continuously.

In the latter part of 1982 the Governor signed into law N.J.S.A. 40A:14-7.1. It specified training requirements and certification procedures for any paid member of a paid municipal fire department or force assigned full time to an arson investigation unit, with the same powers and authority of Police Officers within the municipality while engaged in the actual performance of arson investigative duties.

This law required the City of Newark to adopt an ordinance establishing an arson investigation unit within the Fire Department of the City of Newark. This ordinance became law June 28, 1983.

The Newark Arson Squad lost its police power January 1983; it was restored October 1, 1983 when all training requirements and certification procedures were met as specified by the Division of Criminal Justice.

Arson Squad (2)

The following is a list of activities of the Division of Investigation for 1983:

Assisted the Division of Criminal Justice with their In-Service Training Program established under N.J.S.A. 40A:14-7.1.

Continued to cooperate with the Essex County Prosecutor's Office (Arson Task Force) with investigations throughout Essex County.

The Division of Investigation has continued to investigate the illegal dumping of chemical waste.

The Division of Investigation assisted in the training of new firefighters at the Training Center.

Provided speakers for the following engagements: New Jersey State Arson Advisory Committee, Coalition Six, New Jersey Bell and the Optimist Club.

Members appeared, and gave testimony to The Committee on Education and Labor, U.S. House of Representatives, Washington, D.C.

Members of the Arson Squad took the following courses:

Arson for Profit Investigation, given by the Federal Bureau of Alcohol, Tobacco and Firearms. (ATF)

Division of Criminal Justice Arson Investigation Training Course, at the State Police Barracks, Sea Girt, New Jersey.

Advanced Arson Investigation, given by Division of Criminal Justice at Kean College, Union, New Jersey.

Basic Police Course for Arson Investigators, given at Newark Police Academy. All members requalified in the care and use of firearms in this course.

Hazardous Waste Investigation and Prosecution, at the Essex County Police Academy.

Hazardous Material Leak, Spill and Fire Control Course given at St. Augustine Technical Center.

DIVISION OF INVESTIGATION (3)

(Arson Squad)

Investigations for the year 1983

Signal 100	598
Signal 102	584
Multiple Alarms	50
Complaints	<u>145</u>
Total	1,377

Signal 200 (Deaths)	21
Signal 300 (False Alarms)	5

BREAKDOWN OF INVESTIGATIONS

	<u>Buildings</u>	<u>Non-Buildings</u>	<u>Motor Vehicles</u>	<u>Total</u>
Incendiary	537	36	166	739
Accidental	106	16	7	129
Undetermined	<u>249</u>	<u>73</u>	<u>42</u>	<u>364</u>
	892	125	215	1,232

ARRESTS

	<u>Juvenile</u>	<u>Adult</u>	<u>Total</u>
Arson	1	3	4
False Alarm	0	0	0
Threat to burn	0	0	0
Warrants	0	1	1
Others	<u>0</u>	<u>0</u>	<u>0</u>
	1	4	5

	<u>Juvenile</u>	<u>Adult</u>	<u>Total</u>
Reprimand (Fire)	7	0	7
Reprimand (Sig.300)	3	0	3
Referred to Division of Youth and Family Services	-	0	0
Referred to Youth Aid Bureau	-	1	1
Court Appearances	-	33	33
Court Hours	-	125	125

DIVISION OF INVESTIGATION (4)  
(Arson Squad)  
Deaths by Fire 1983

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<u>Date</u>	<u>Time</u>	<u>Station</u>	<u>Address</u>	<u>Sex</u>	<u>Age</u>	<u>Cause</u>	<u>Bldg. Code</u>
1/7	0016	5782	906 Delancey Street	M	40	A	645
1/7	1325	2329	53 South Street	M	--	U	422-5
1/20	1233	4151	143 Hillside Avenue	F	1	U	411
1/28	0358	1345	130 - 14th Avenue	F	6	I	422
4/6	0708	2556	617 Frelinghuysen Ave.	F	28	U	421
5/2	0910	3142	151 Parker Street	F	78	A	423
5/18	1259	3219	199 Passaic Street	M	40	A	573
5/20	1604	1551	41 Poe Avenue	M	28	A	422
6/1	1055	4346	223 West Runyon Street	M	60	A	422
6/18	0206	3245	835 Broadway	M	49	A	422
6/25	0121	3121	309 Broad Street	M	54	I	422
6/25	0121	3121	309 Broad Street	M	52	I	422
7/25	2325	2328	15 Tichenor Street	F	78	I	422
8/16	2152	3859	15 Grafton Avenue	F	10	U	424
11/25	0446	3516	720 Broadway	M	--	A	432
12/2	2238	1343	175 Bergen Street	M	50	A	11
12/26	0203	1657	33 Netherwood Place	M	33	A	422
12/31	2344	2323	43 Murray Street	M	48	A	414
12/31	2344	2323	43 Murray Street	M	40	A	414
12/31	2344	2323	43 Murray Street	M	39	A	414
12/31	2344	2323	43 Murray Street	M	40	A	414

Total Deaths - 21

A - Accidental

U - Undetermined

I - Incendiary

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# FIRE SIGNAL SYSTEM OPERATIONS

## 1983 ANNUAL REPORT

Albert S. Lasso, Chief

In Compliance with the Rules and Regulations of the Newark Fire Department,  
I hereby submit this annual report.

1. Alarms Transmitted	23,541
2. False Alarms Received	9,555
3. Box Tests Supervised	4,300
4. Tests From Private Fire Alarm Companies Supervised	3,000
5. Tests Conducted of Airport Fire Alarm Facilities	365
6. Telephone Calls Handled Over Centrex System (Approx.)	508,000
7. Radio Calls Handled (Approx.)	297,000
8. Number of Circuits Tested	80,000
9. Misc. Reports Prepared and Distributed	10,000
10. Individuals and Agencies Dispatched to Multiple Alarms	3,500
11. Prepare and Distribute Daily Alarm Summary Reports	365
12. Prepare orders for purchase of Equipment and Materials necessary for this Division.	
13. Verify Invoices and Bills Related to all Fire Department Telephones	
14. Supervise Installation of New Equipment within the Central Office.	
15. Other Job Operations (Bookkeeping, Janitorial Duties, etc.)	

# 1. GONG ALARMS TRANSMITTED

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	TOTAL
--	-----	-----	-----	-----	-----	-----	-----	-----	------	-----	-----	-----	-------

a) Full assignment alarms (all normally scheduled units)	283	213	266	220	281	264	295	335	236	257	226	345	3221
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b) Signal Eight alarms (Response limited to one Engine Company, a Ladder unit and a Battalion Chief)	31	25	31	30	33	34	30	43	27	33	36	105	458
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c) Signal Nine alarms (Two Engine Companies, a Ladder unit and a Battalion Chief)	900	727	890	867	955	1095	976	824	792	888	860	727	10500
--	-----	-----	-----	-----	-----	------	-----	-----	-----	-----	-----	-----	-------

d) Total of the foregoing	1214	965	1187	1117	1269	1393	1301	1202	1055	1178	1122	1177	14180
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# 2. ONE UNIT ALARMS TRANSMITTED

a) Single company fire incidents, emergencies, etc.	479	384	500	500	350	683	653	558	575	540	524	489	6475
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b) Total movements in this category. (Drills, parades, repairs, etc.)	319	167	203	203	232	228	299	243	253	248	263	198	2886
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3. GRAND TOTAL	798	551	703	703	782	911	952	801	828	788	787	687	9361
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a) Paragraphs #1 and #2 combined	2012	1516	1820	1820	2051	2304	2253	2003	1883	1966	1909	1864	23541
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# 4. ALARMS RECEIVED FROM (BY):

a) Fire Box.	796	709	818	818	961	1075	901	903	741	878	816	675	10151
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b) Public telephone	343	211	240	240	274	263	328	240	247	269	256	395	3343
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c) Central Station automatic systems	54	30	47	47	20	43	42	46	47	21	32	90	492
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d) Police Department	12	8	9	9	10	8	17	9	11	5	10	10	115
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e) Department's radio system	9	7	3	3	4	4	13	4	9	5	8	7	79
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f) Total of the foregoing	1214	965	1187	1117	1269	1393	1301	1202	1055	1178	1122	1177	14180
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(1983)

# 5. MULTIPLE ALARMS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
a) Second alarms	4	1	2	1	7	4	8	4	1	2	3	3	40
b) Third alarms	0	0	1	0	0	1	0	0	1	1	2	0	6
c) Fourth alarms	2	0	0	0	0	0	0	1	0	0	0	0	3
d) Total of the foregoing	6	1	3	1	7	5	8	5	2	3	5	3	49

# 6. ALARMS FROM FIRE BOXES

a) Aggregate number of fire alarm boxes pulled	876	844	965	899	1057	1182	991	993	815	965	879	901	11385
b) Signals from fire boxes held, alarm already transmitted.	80	75	87	81	96	107	90	90	81	87	81	84	1039

# 7. REPORTS FOR SAME INCIDENT REC'D THROUGH TWO UNRELATED MEDIUMS.

a) Confirming alarm received from fire box after notice by phone.	41	45	58	62	75	87	63	65	61	60	63	61	741
b) Confirming phone notice received after alarm from fire box.	39	30	29	19	21	20	27	25	20	27	18	19	294
c) Alarms received from a single source.	1133	890	1100	1036	1173	1286	1211	1112	974	1091	1041	1060	13107

# 8. MISCELLANEOUS

a) Units relocated in emergencies	80	41	35	36	54	48	50	54	34	36	71	33	572
b) Telegraph signals transmitted	8778	7113	8539	7848	9049	9848	9615	8951	7866	8486	8095	8541	102729
c) Enroute units stopped by radio and returned to service.	5337	4246	5222	4914	5583	6129	5724	5288	4642	5183	4936	5178	62382
d) Newark units responding to other communities	1	0	3	6	2	2	4	3	3	2	3	2	31

(1983)

Page 3 of 3

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Respectfully submitted,  
*Albert S. Lasso*  
 Albert S. Lasso, Chief  
 Fire Sig. Sys. Operations

FIRE SIGNAL SYSTEM OPERATION  
CONSTRUCTION & MAINTENANCE  
ANNUAL REPORT  
FOR THE YEAR 1983  
SUBMITTED BY  
JOHN DI BLASIO, CHIEF

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The following is an account of this division's work performed during the twelve-month period of 1983, ending on December 31:

Subterranean ducts rodded (feet of) - - - - -	10,665
Pullwire installed in ducts (feet of)- - - - -	12,400
Subterranean cable installed (feet of conductor)- - - - -	190,250
Single line wire installed (feet of) - - - - -	2,775
Aerial cable installed (feet of conductor) - - - - -	9,000
Twin "C" wire installed (feet of conductor) - - - - -	12,200
Galvanized messenger installed (feet of) - - - - -	150
Subterranean cable removed (feet of conductor) - - - - -	163,750
Line wire removed (feet of) - - - - -	10,100
Fire alarm boxes installed (modified)- - - - -	74
Fire alarm boxes relocated - - - - -	16
Fire alarm boxes to shop for service/modification - - - - -	88
Fire alarm boxes inspected, tested and wound - - - - -	9,890
Stanchions and Junctions, replaced or reset - - - - -	42
Stanchions and Junctions, rehabilitated - - - - -	96
Pole line construction released only - - - - -	41
Pole line hardware/crossarms replaced only - - - - -	207
Pole transfers completed - - - - -	116
Trees trimmed - - - - -	165
Ground rods buried - - - - -	5
Fire House batteries serviced (sets of) - - - - -	336
Field inspections (hours of) - - - - -	120
Field facility patrol (miles of) - - - - -	180
Training sessions (hours of) - - - - -	48
Housekeeping/Vehicle maintenance (hours of)- - - - -	48
Major job operations completed - - - - -	4,880
Minor job and corrective functions performed - - - - -	8,121
Pre-construction and survey conferences - - - - -	4
Central Office maintenance (hours of)- - - - -	144

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SPECIAL SERVICES AND SUPPLY COMPANY  
ANNUAL REPORT SUBMITTED BY  
JOSEPH L. MAGNUSSON, DEPUTY CHIEF  
FOR THE YEAR 1983

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The Special Service Division operated on an around-the-clock basis throughout the year, and continued to provide the necessary services of supply and repair to all Fire Department units, and to provide for various services to other city departments and agencies and the community in general. These services are performed by our personnel, some of whom are assigned to tours, and some on a daytime basis only. Planned programs and policies were adhered to, and new programs and procedures have been formulated for the forthcoming year, in an attempt to achieve goals in a most expeditious manner.

Accomplishments and services of various sections in this Division during the past year are as follows:

DELIVERY AND PICK-UP SERVICE: Deliveries and pick-ups were made on a morning, afternoon, and evening basis as per schedule for routine items. Items of an emergency nature were handled immediately on a twenty-four hour a day basis. Items handled were such things as housekeeping supplies, tools equipment, extinguishers, oxygen and air cylinders, masks, furniture, lockers, rock salt, ladders, hose and other supplies and equipment that require storage and transportation.

Special Service personnel responded to multiple alarm and special calls with fuel for apparatus, air tanks, salvage covers, and when requested, the Hi-Ex Foam Generator, smoke ejector, and foam concentrates.

Special Service is also charged with pick-up of salvage covers at fire scenes, and the maintenance of same, also the redistribution of these covers to fire companies throughout the Fire Department.

Special Service responded on request to cordon off buildings deemed to be in dangerous condition, and posting these buildings indicating that a dangerous condition exists at this site.

Fire apparatus requiring repairs of adjustments were picked up and delivered to various locations. Replacements for these apparatus were delivered to the affected fire companies by Special Service personnel.

MASK REPAIR DIVISION: The mask department was charged with the repair and maintenance of all type masks used by the Fire Department. During the past year, this department bench-checked (rebuilt to new condition), over 3,801 Survivair Masks. Air tanks were also repaired and maintained. Over 17,583 such tanks were filled during the past year.

Special Services and Supply Company (2)

AIR PURIFICATION UNIT: An M&J Association Air Purification system was used during the past year, in conjunction with an Ingersoll Rand Compressor, model H15 T4X 20, 5,000 psi capacity. Our original Robbins Air System, with Ingersoll Rand Compressor is now a back-up system. Used in tandem, this package is probably one of the best installations in the country. Over 17,583 air tanks were filled during the past year, with over 200 hours of pumping time recorded during the past year. Provision to comply with Federal and State Health laws were made, air samples were tested monthly, throughout the year.

CANVAS SHOP: Canvas items such as mask box covers, chain saw sheathes, electrical generator covers, control pedestal covers for hook and ladder trucks, turret nozzle covers, hose bed covers, stretchers, tool kit bags, smoke ejector covers, mask facepiece holders, rope bags, etc., were made in this department, as well as maintenance of these items. Window shades for various firehouses were also repaired or fabricated in this department.

STOCK ROOM: All tools, equipment, devices and supplies, (except those ordered through Fire Headquarters and the Hose Shop), were ordered, received, checked, recorded, stored, and distributed as needed to the fire units through the delivery service.

Supply room personnel repaired porto-lites, and hand lights of other types, desk lamps, extension cords, K-12 saws, generators, etc. They also made special belts and straps, tested salvage covers, and made the necessary arrangements with the carpenter shop to repair axe and hook handles. This unit also made the necessary arrangements for the construction and maintenance of such items as mask boxes, skid load panels, hose bed decking, apparatus windshields, and canopies, and whatever other needs of the Fire Department requiring the services of the carpenter shop. This department is also charged with the repair of such articles as portable pumps, explosimeters, and the maintenance of a supply of saw blades. The unit also coordinates the necessary building and maintenance of fire department buildings.

HOSE SHOP: The Hose Shop kept all fire companies properly supplied with hose and fittings. All hose in service was tested, and defective and over-aged hose was repaired when possible, as were damaged nozzles, valves, adapters, hose fittings, brackets, and other miscellaneous equipment.

Using Oxy-Acetylene welding equipment, many apparatus and equipment parts were repaired, and with this equipment added to the general maintenance capability of the shop.

GENERAL: Various size metal ladders were received, stored and placed in service when necessary. All metal ladders on all apparatus are now maintained and repaired by Special Service personnel.

Special Services and Supply Company (3)

The program for inventory and test control of gas pressure cylinders in use in the department continued throughout the year. These cylinders include air tanks, oxygen tanks, CO<sup>2</sup> tanks, dry powder and dry chemical extinguisher tanks, air pressure and water extinguishers, and kero-test cylinders. All cylinders are tested every five years, on a continuing basis from the date of manufacture.

Special Service is also charged with the scheduling of all building repairs to the Fire Department buildings. This unit also endeavors to work closely on this subject with personnel from the Bureau of Construction. Maintenance of a file system, recording building complaints and disposition of same is also kept by this unit.

Community assistance activities included the following during the past year:

Pumping out cellars and basements and community owned swimming pools.

Provided and operated portable electric generators, lamps, cables, at emergency situations, and routinely on request.

Provided extinguishers for protection at various functions, and for demonstration purposes.

Each sub-division of Special Service maintained records and file systems, submitted various required reports consistent with duties, and activities, engaged in necessary clerical work consistent with objectives, correspondence and telephone communications essential to operations; and performed the housekeeping duties necessary to maintain quarters in a clean and presentable condition.

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SPECIAL SERVICES AND SUPPLY COMPANY  
ANNUAL APPARATUS REPORT FOR THE YEAR 1983  
SUBMITTED BY CHIEFS OF APPARATUS  
DANIEL J. TAURIELLO  
AND  
WALTER B. MUELLER

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In compliance with rules and regulations, the following report is respectfully submitted outlining the activities of the Apparatus Division for the year 1983:

There are 84 vehicles and 1 Fire Boat in the Fire Department.

These units are assigned to Chiefs, the Training Academy, Special Service, Arson Squad, Fire Prevention Division, Bureau of Combustibles and Community Relations. Model, Register Number and Assignment for each vehicle, is listed below:

Vehicle Inventory as of December 31, 1983

<u>Reg. No.</u>	<u>Model</u>	<u>Assignment</u>
1001	1982 Seagrave Rear Mount	Truck Co. 1
1002	1978 Amer.La France Rear Mount	Truck Co. 11
1003	1972 Mack Pumper	Spare
1004	1974 Ward La France Pumper	Engine Co. 19
1005	1981 Continental Pumper	Engine Co. 11
1006	1981 Continental Pumper	Engine Co. 29
1007	1981 Continental Pumper	Engine Co. 7
1008	1972 Mack Pumper	Spare
1009	1968 Mack Pumper	Spare
1010	1975 Ward La France Pumper	Engine Co. 4
1012	1972 Mack Pumper	Spare
1013	1976 Hendrickson Squirt	Engine Co. 14
1014	1973 Ward La France Pumper	Engine Co. 27
1015	1974 Ward La France Pumper	Engine Co. 5
1016	1982 Seagrave Rear Mount	Truck Co. 12
1017	1981 Continental Pumper	Engine Co. 17
1018	1974 Ward La France Pumper	Engine Co. 28
1020	1975 Chev. Step Van	Training
1021	1974 Chev. Step Van	Training
1022	1968 Mack Pumper	Spare
1024	1981 Continental Pumper	Engine Co. 10
1027	1974 Chevrolet Van	Telegraph
1028	1975 Chev. Suburban F.W.D.	Training
1029	1972 Mack Pumper	Spare
1033	1973 Ward La France Pumper	Engine Co. 13
1035	1974 Ward La France Pumper	Engine Co. 9
1036	1973 Ward La France Pumper	Engine Co. 16
1038	1983 White and 1969 Seagrave	Truck Co. 5



Special Services and Supply Company (2)  
Apparatus Report

Vehicle Inventory (cont'd)

<u>Reg. No.</u>	<u>Model</u>	<u>Assignment</u>
1040	1974 Seagrave	Truck Co. 4
1043	1971 F.W.D. Pumper	Spare
1046	1974 Ward La France Pumper	Engine Co. 26
1048	1976 Hendrickson Squrt	Engine Co. 18
1051	1974 Chevrolet Wagon	Arson Squad
1055	1973 Seagrave	Spare
1056	1981 Chevrolet Pick-Up	Special Service
1059	1975 Mack	Rescue
1061	1978 Chevrolet Wagon	Fire Prevention
1062	1980 Chevrolet Wagon	Fire Prevention
1063	1980 Chevrolet Wagon	Community Relations
1064	1978 Chevrolet Wagon	Repair Shop
1065	1978 Chevrolet Wagon	Repair Shop
1066	1981 Chevrolet Wagon	Fire Prevention
1068	1981 Chevrolet Wagon	Coordinator
1069	1981 Chevrolet Wagon	Battalion #5
1071	1980 Chevrolet Wagon	Special Service
1072	1980 Chevrolet Wagon	Telegraph
1073	1974 Chevrolet Pick-Up	Special Service
1074	1978 Chevrolet Pick-Up (Crew Cab)	Special Service
1075	1978 Chevrolet Van	Special Service
1077	1972 Seagrave	Truck Co. 7
1079	1971 Mack Snorkel	Truck Co. 6
1080	1972 Seagrave	Spare
1081	1972 Seagrave	Truck Co. 8
1082	1973 Seagrave	Spare
1083	1974 Seagrave	Truck Co. 2 (Spare)
1084	1981 Chevrolet Wagon	Battalion #4
1085	1970 Chevrolet Cherry Picker	Telegraph
1086	1980 Chevrolet Wagon	Community Relations
1088	1973 Ward La France Pumper	Engine Co. 8
1089	1975 Seagrave Rear Mount	Truck Co. 9
1091	1973 Ward La France Pumper	Engine Co. 21
1094	1974 Chevrolet Impala	Photographer
1097	1973 Ward La France Pumper	Engine Co. 32
1100	1982 Seagrave Rear Mount	Truck Co. 1
1101	1983 Chevrolet Impala	John P. Caufield
1102	1980 Chevrolet Van	Telegraph
1106	1972 Chevrolet Line Truck	Telegraph
1107	1980 Dodge Boom Truck	Telegraph
1112	1973 Chevrolet Impala	Community Relations
1113	1978 Chevrolet Impala	Arson Squad
1115	1981 Chevrolet Impala	Arson Squad
1118	1980 Chevrolet Impala	Arson Squad
1119	1980 Chevrolet Impala	Chief
1121	1980 Chevrolet Van	Training
1130	1983 Chevrolet Malibu	Training

Special Services and Supply Company (3)  
Apparatus Report

Vehicle Inventory (cont'd)

<u>Reg. No.</u>	<u>Model</u>	<u>Assignment</u>
1131	1983 Chevrolet Malibu	Battalion #1
1132	1983 Chevrolet Malibu	Deputy #2
1133	1983 Chevrolet Malibu	Battalion #3
1134	1983 Chevrolet Malibu	Deputy #1
1135	1983 Chevrolet Impala	Arson Squad
1136	1983 Chevrolet Impala	Arson Squad
1152	1983 American La France Pumper	Engine Co. 12
1155	1983 American La France Pumper	Engine Co. 15
1156	1983 American La France Pumper	Engine Co. 6
1199	Fire Boat	

Lubrication, oil changes, and preventive maintenance work was done periodically. All pumpers were tested.

All aerial ladders were inspected and ground ladders were tested.

Drivers, Pump operators, and aerial ladder operators were certified.

Change-over of apparatus was made when necessary.

Supervised the record-keeping of all repairs.

Visited all fire houses and gave lectures of fire ground hydraulics, safe driving practices, care of apparatus and other related subjects.

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## SPECIAL SERVICES AND SUPPLY

HOSE DIVISION  
ANNUAL REPORT  
SUBMITTED BY  
CAPTAIN ANTHONY GRAZIANO  
FOR THE YEAR 1983

The following report indicates the amount of fire hose in service, hose in reserve, and used hose on hand. Also included is the amount of brass work done as of December 31, 1983.

		<u>HOSE INVENTORY</u>	<u>TOTAL AVAILABLE</u>
4½"	In service with companies	25 - 15 ft. lengths	375 ft.
4½"	In reserve (new hose)	9 - 15 ft. lengths	135 ft.
4½"	In reserve (used hose)	3 - 15 ft. lengths	45 ft.
		<u>37 - 15 ft. lengths</u>	<u>555 ft.</u>
4"	In service with companies	100 - 50 ft. lengths	5,000 ft.
4"	In reserve (new hose)	106 - 50 ft. lengths	5,300 ft.
		<u>206 - 50 ft. lengths</u>	<u>10,300 ft.</u>
4"	In service with companies	5 - 25 ft. lengths	125 ft.
4"	In reserve (new hose)	10 - 25 ft. lengths	250 ft.
		<u>15 - 25 ft. lengths</u>	<u>375 ft.</u>
3"	In service with companies	200 - 50 ft. lengths	10,000 ft.
3"	In reserve (new hose)	13 - 50 ft. lengths	650 ft.
3"	In reserve (used hose)	118 - 50 ft. lengths	5,900 ft.
		<u>331 - 50 ft. lengths</u>	<u>16,550 ft.</u>
2½"	In service with companies	297 - 50 ft. lengths	14,850 ft.
2½"	In reserve (new hose)	98 - 50 ft. lengths	4,900 ft.
2½"	In reserve (used hose)	152 - 50 ft. lengths	7,600 ft.
		<u>547 - 50 ft. lengths</u>	<u>27,350 ft.</u>
1-3/4"	In service with companies	230 - 50 ft. lengths	11,500 ft.
1-3/4"	In reserve (new hose)	170 - 50 ft. lengths	8,500 ft.
1-3/4"	In reserve (used hose)	19 - 50 ft. lengths	950 ft.
		<u>419 - 50 ft. lengths</u>	<u>20,950 ft.</u>
1½"	In service with companies	156 - 50 ft. lengths	7,800 ft.
1½"	In reserve (new hose)	20 - 50 ft. lengths	1,000 ft.
1½"	In reserve (used hose)	77 - 50 ft. lengths	3,850 ft.
		<u>253 - 50 ft. lengths</u>	<u>12,650 ft.</u>

SPECIAL SERVICES & SUPPLY  
Hose Division (2)

1" Booster in service - companies	40 - 50 ft. lengths	2,000 ft.
1" Booster in reserve - new	4 - 50 ft. lengths	200 ft.
	44 - 50 ft. lengths	2,200 ft.
3/4" Booster in service - companies	60 - 50 ft. lengths	3,000 ft.
	11 - 50 ft. lengths	550 ft.
	72 - 50 ft. lengths	3,550 ft.

New Hose Received

4" Hi-Vol-Lite	117 - 50 ft. lengths	5,850 ft.
2½" 100% Poly	50 - 50 ft. lengths	2,500 ft.
1-3/4" 100% Poly	75 - 50 ft. lengths	3,750 ft.
	242 - 50 ft. lengths	12,100 ft.

New Hose Issued

4½" - 15 ft. lengths soft suction	2 lengths	
4" - 50 ft. lengths Hi-Vol-Lite	89 lengths	
3" - 50 ft. lengths Poly	14 lengths	
2½" - 50 ft. lengths Poly	6 lengths	
1-3/4" - 50 ft. lengths Poly	70 lengths	
1½" - 50 ft. lengths Poly	20 lengths	
Booster 50 ft. lengths	8 lengths	
4" - 25 ft. lengths	7 lengths	
	216 lengths (10,800 ft.)	

Hose Repaired

4½" - 15 ft. lengths soft suction	13 lengths	
4" - 50 ft. lengths Hi-Vol-Lite	12 lengths	
3" - 50 ft. lengths Poly	75 lengths	
2½" - 50 ft. lengths Poly	32 lengths	
1-3/4" - 50 ft. lengths Poly	62 lengths	
1½" - 50 ft. lengths Poly	28 lengths	
Booster - 50 ft. lengths	12 lengths	
	234 lengths repaired	

Hose Tested

4" Hi-Vol	33 lengths	1,600 ft.	failed	0	missing	0
3" Poly	309 lengths	15,450 ft.	"	14	"	4
2½" Poly	298 lengths	14,900 ft.	"	5	"	4
1-3/4" Poly	232 lengths	11,600 ft.	"	14	"	9
1½" Poly	138 lengths	6,900 ft.	"	9	"	20
3/4" & 1" Booster	103 lengths	5,150 ft.	"	0	"	0
3" and 2½" Various lengths		4,100 ft.	"	0	"	0
		59,700 ft.	failed	42	missing	37

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Total number of valves, nozzles, adapters, repaired- 251  
 Miscellaneous articles repaired or installed - 78  
 New nozzles of various sizes issued - 22  
 Various fittings, adapters and valves issued (new) - 70

## Special Services and Supply

### Performance Report 1983

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Number of alarms answered	649
Number of pickups and deliveries made	24,452
Gasoline distributed at fires (gallons)	719
Motor oil distributed at fires (gallons)	69
Diesel oil distributed at fires (gallons)	342
Electric generator used	33
Floodlight cable used	33
Number of lights used	51
Window shades	65
Cellars pumped out	165
Hours spent pumping out cellars	350
Portolites repaired	912
Liquid foam distributed to companies (gallons)	1,365
Portolite batteries distributed to companies	708
Oxygen cylinders refilled	113
Survivair air cylinders refilled	16,744
15 lb. CO <sub>2</sub> extinguishers refilled	310
Masks repaired	3,451
Canvas covers, bags, covers for boxes, ladders, etc.	32
Air tanks repaired	227
Dry powder extinguishers refilled	208
Smoke ejector on special calls	11
Hi-Ex Foam unit on special calls	13
Ladders repaired	113
Ladders repaired (feet)	2,906
Movement of apparatus	160
Metal hooks assembled and repaired	547

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TRAINING DIVISION  
ANNUAL REPORT SUBMITTED BY  
ALFRED FRED A, DEPUTY CHIEF  
FOR THE YEAR 1983

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The Division of Training is responsible for all phases of Fire Department training. This responsibility includes training of recruit firefighters, in-service fire service personnel and industrial fire brigades. The realization of these responsibilities is accomplished through course material presented at the Battalion and Company level. The training goals and objectives are established by the National Fire Protection Association Standard 1001, and programs of instruction postulated by the International Fire Service Training Association.

The following major training programs were completed under the direct supervision of Training Division Personnel:

MAJOR TRAINING PROGRAMS

Probationary Firefighter Training (Newark laid off F/F's)	2/21 - 2/25
Probationary Firefighter Training (Newark 1 F/F)	.....12/12 - 12/16
Crash Injury Management (Elizabeth Fire Department)	.....12/5 - 12/16
Pump Simulator Course	..... 3/15 - 4/29
Care of Masks (Self-contained breathing apparatus)	..... 1/6 - 3/11
Probationary Firefighter Training (Newark)	.....10/17 - 11/4
Fire Command for Chief Officers	..... 9/6 - 10/7
Hazardous Material	..... (on-going)
C.P.R. (Cardio-Pulmonary Resuscitation) (recertification)	(on-going)
Crash Injury Management (recertification)	..... (on-going)

SPECIALIZED TRAINING

Public Service Electric & Gas Co.	La Cross Labs
Mutual Benefit Life Insurance Co.	Essex County Court House
University of Medicine & Dentistry of N.J.	St. James Hospital
Western Electric Company	St. Mary's Villa
New Jersey Bell Telephone	North Ward Cultural Center
Essex County Jail	Health Fair, 13th Ave. School
Essex County Welfare Board	Rutgers Health Fair
Newark Pre-School Council	Post Office
Health Fair, West Kinney School	Irvington Police Department
St. Michael's Medical Center	Essex County College

Training Division (2)

DEMONSTRATIONS OF:

Use of Audio Alarm (Loud Mouth)  
S.C.B.A. (Self-contained breathing apparatus) (Drager Mask)  
High Rise Rescue Cradle (Wahlefield System)  
E.L.S.A. - Emergency Life Support Apparatus

A very important aspect of this Division's responsibility is the training of industrial fire brigades and security forces of other government agencies. Training in first aid firefighting and related subjects was offered to the following agencies:

Coastal Oil	Western Electric Co.
Bell Labs	Newark Water Department
N. J. Bell Telephone	Newark Beth Israel Medical Center
Public Service Electric & Gas Co.	
University of Medicine & Dentistry	

The Audio Visual Unit continued to operate under standard operational procedures. This included filming actual fires for training critiques, and working closely with the Arson Squad, Fire Prevention Bureau and Special Services. A new dimension was added when we acquired an editing system to our equipment. We now have the capability to produce and direct our own cable shows. We have started the production of a series of shows called "DO YOU KNOW THIS MAN?" It will depict the lives of the men in the Newark Fire Department. We hope to present this series to a cable network. A summary of the activities of the Audio Visual Unit has been submitted under separate cover.

Under our supervision, the fire boat, The John F. Kennedy, was manned and maintained in a high state of readiness. We continued to train certain line companies to aid the boat crew in case of need.

The Commanding Officer of the Division continued to serve as the chairman of the Fire Accident Prevention Board and as a member of the city-wide Accident Review Board. In line with these responsibilities, safety tip bulletins were issued periodically to all units within the department regarding safe driving practices. A summary of the activities of the Accident Prevention Board has been submitted under separate cover.

Training Division (3)

The Safety-Water Officer has worked closely with the Water Department in getting out-of-service hydrants identified and placed back in service. He also conducted monthly safety meetings and investigated on the job accidents.

The Commanding Officer and the staff at the Training Center, wish to extend thanks and gratitude to Director John P. Caufield and Fire Chief Stanley J. Kossup for their progressive leadership and wholehearted support. Without this enthusiastic leadership, it would have been impossible to achieve our objectives.

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TRAINING DIVISION  
ANNUAL REPORT SUBMITTED BY  
FRED BOEHRINGER, BATTALION CHIEF  
ACCIDENT REVIEW BOARD  
FOR THE YEAR 1983

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Our department had 35 reported accidents or incidents in 1983. This was a sharp decline from previous years.

Department drivers involved in preventable accidents received additional training from Chief of Apparatus Daniel Tauriello.

The department is currently conducting visual acuity tests and reaction timing for all department members. Those identified as being substandard are being suspended from driving until corrective measures are instituted.

Due to a large percentage of accidents involving door damage, we are now meeting with members who were involved in such incidents for discussion of the problem.

There were no meetings of the city-wide Accident Review Board during 1983.

All individuals in the Fire Department who were involved in accidents were brought to the Training Center and counseled with an eye toward preventing further occurrences of similar incidents.

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TRAINING DIVISION  
ANNUAL REPORT SUBMITTED BY  
FRED BOEHRINGER, BATTALION CHIEF  
SAFETY OFFICER  
FOR THE YEAR 1983

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My accomplishments for the year 1983 are listed below. Foremost among these is a drastic reduction in the number of accidents involving fire department personnel. We dropped from 46 in 1982 to 14 in 1983. We believe this is a result of our efforts in the area of driver training and education, coupled with our counseling sessions for members involved in accidents.

1. Assisted in training ten recruits.
2. Served as Executive Officer of the Fire Training Center.
3. Acted as liaison to the industrial safety community.
4. Participated in the investigation of accidents, lending the benefit of my experience as necessary.
5. Ordered and assisted in the distribution of first aid supplies.
6. Acted in the capacity of Training Academy Commandant, during the absence of Chief Freda.
7. Conducted safety meetings and discussed hazardous materials, protective equipment and gloves. We hope to come up with a glove standard in the near future.
8. Trained members of the Newark industrial community.
9. Attended meetings of Fire Department members where safety slide programs were presented.
10. Coordinated first aid and fire training, as well as extinguisher training for the public.
11. Worked with Chief Freda on recruit training schedules.
12. Conducted in-service training at Fire Training Academy.

TRAINING DIVISION  
ANNUAL REPORT SUBMITTED BY  
FRED BOEHRINGER, BATTALION CHIEF  
WATER OFFICER  
FOR THE YEAR 1983

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In the year just ended, all duties of the Water Officer were performed in the prescribed manner.

A new approach to the problem of hydrant repairs has been adopted by the City. A private firm, Spiniello Contractors, has been retained to perform hydrant repairs. Since they took over the repair contract on November 29, 1983, an improvement has been observed by this officer.

The current hydrant status lists approximately 230 hydrants out of service, a drop from the 1982 average of 400 per day.

We are in the process of removing our hydrant safety locks from throughout the city. We are testing a new device, The Custodian, in the Third Battalion district. Early results seem promising.

We processed 11,000 computer cards and 150 hydrant repair cards during 1983.

The new management group controlling hydrant repairs is headed by Mr. Mezeber. The record keeping appears to be of an improved quality under this revised system of operations.

The following is a list of other duties performed during 1983:

- a. Performed research on new anti-vandalism measures to protect hydrants.
- b. Instructed the ten recruits processed through the academy in city's water supply system.
- c. Assisted in in-service training.
- d. Spot checked hydrant repairs on a weekly basis.
- e. Assisted the Water Department in conducting flow tests.
- f. Investigated public complaints about our hydrant system.
- g. Assisted private industry in water flow tests.
- h. Held weekly meetings related to water supply with Deputy Chief Alfred Freda.

APPARATUS DIVISION (TRAINING)  
ANNUAL REPORT SUBMITTED BY  
WALTER B. MUELLER, CHIEF OF APPARATUS  
FOR THE YEAR 1983

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The following duties were performed by the Chief of Apparatus in the Training Division during the year 1983:

1. Coordinated work between the repair shop and the Fire Department.
2. Service tested all pumpers.
3. Time tested and inspected all aerial ladders.
4. Certified department drivers and tillermen.
5. Certified pump operators and aerial ladder operators.
6. Assisted in the change-over of spare apparatus.
7. Supervised the record keeping of all repair work on Fire Department apparatus.
8. Visited fire companies and lectured on safe driving practices and care of fire apparatus.

There are 84 vehicles and one fire boat in service.

There were twelve new vehicles put in service in 1983, and fourteen were decommissioned.

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TRAINING DIVISION  
ANNUAL REPORT SUBMITTED BY  
EUGENE J. ANDERSON, CAPTAIN  
AUDIO VISUAL UNIT  
FOR THE YEAR 1983

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The Audio Visual Unit is responsible for all phases of production in making Video and Slide Training presentations.

The following is a summary of these activities:

1. The video taping of fires.
2. The video taping of programs and presentations at the Training Center.
3. The editing and cataloguing of over 50 hours of tape.
4. The retaping of medical legal tape.
5. The pre-production work on the "Who is He" program.
6. The cataloguing of all slides at the Training Center.
7. The continuous care and repair of all slide projectors, audio video taping equipment, and 16MM movie projectors.

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# TRAINING DIVISION PERFORMANCE REPORT

<u>ACADEMY TRAINING</u>	<u>SESSIONS</u>	<u>HRS. OF INSTRUC.</u>	<u>ATTENDANCE</u>	<u>MAN HOURS</u>
Recruit Fire Training	30	240	20	1,880
Fire Brigades	68	42	503	7,218
Company Refresher	204	263	456	28,611
Officer Refresher	<u>24</u>	<u>52</u>	<u>72</u>	<u>852</u>
Total	326	597	1,051	38,561

<u>SPECIAL TRAINING</u>	<u>SESSIONS</u>	<u>HRS. OF INSTRUC.</u>	<u>ATTENDANCE</u>	<u>MAN HOURS</u>
Preventive Maintenance	-	-	-	-
Driver Training	42	32	48	492
Apparatus Service Test	32	153	180	1,043
Pump Operations	44	92	168	610
Aerial Ladder	8	16	21	236
Misc. Training	<u>64</u>	<u>245</u>	<u>892</u>	<u>218,540</u>
Total	190	538	1,309	220,921

## FIELD TRAINING

Drills in Quarters	5,864	Hours of Instruction -	16,302
Drills out of Quarters	<u>6,435</u>	Man Hours	- 59,873
Total Drills	12,299		

<u>DEMONSTRATIONS</u>	<u>NUMBER</u>	<u>ATTENDANCE</u>
Fire Prevention	30	697
Extinguisher	24	1,073
Other	<u>25</u>	<u>209</u>
Total	79	1,979

<u>FILMS</u>	<u>NUMBER</u>	<u>ATTENDANCE</u>
Shown at Academy	503	7,291
Loaned out	<u>154</u>	<u>3,651</u>
Total	657	10,942

## WATER OFFICER ACTIVITIES

Number of Hydrant Repairs Processed	-	682
Number of Conferences Attended	-	<u>363</u>
Total		1,045

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PLANNING AND RESEARCH DIVISION  
ANNUAL REPORT SUBMITTED BY  
JOHN J. VALENT, DEPUTY CHIEF  
FOR THE YEAR 1983

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During 1983, the Planning and Research Division provided staff assistance as directed by the Director and Fire Chief. Assistance was also provided to other agencies, when requested.

Areas of activity included, but were not limited to, the following:

CAPITAL BUDGET PREPARATION AND MONITORING

1979 Capital Budget:

1. Construction of Butler Building for relocation of Special Services and Supply to land adjacent to 17-19 Prince Street. This project remains in the planning stage.
2. Reconstruction of Fire Stations:
  - (a) 197-199 Summer Avenue (Completed)
  - (b) 84-86 Clinton Place (Completed)

1980 Capital Budget: (As revised)

1. Apparatus replacement:
  - (a) One (1) tractor for aerial apparatus; delivered and in service
  - (b) Three (3) 1,000 GPM pumpers; delivered and in service
  - (c) One (1) Mini-pumper: Requested that funds encumbered for this project be utilized for purchase of an aerial ladder work truck for Fire Signal Systems Construction and Maintenance.
2. Reconstruction of Fire Stations:
  - (a) 241-243 High Street
  - (b) 1028-1030 Bergen Street
  - (c) 269-271 Park Avenue
  - (d) 69-71 Vesey Street

This project is currently in the planning stage awaiting the results of a resource management study, due in March, 1984.

## Planning and Research (2)

1981 Capital Budget: (As revised)

1. Fire Signal System alarm modernization: digital coder and display system delivered and in service.
2. Fire tactics training simulator delivered and in use.
3. Relay supply hose delivered and in use.

1982 Capital Budget: (NONE AUTHORIZED)

1983 Capital Budget: (As revised, approved and awaiting funding)

1. Apparatus replacement:
  - (a) One (1) 100 ft. aerial ladder quint
  - (b) Three (3) 1,000 GPM pumpers, equipped with telesquirts
  - (c) One (1) rescue vehicle
  - (d) Rehabilitation of Fireboat
2. Reconstruction of Fire Stations:
  - (a) 526-528 Frelinghuysen Avenue
  - (b) 469-473 Ferry Street
  - (c) 691-701 North Sixth Street

1984 Capital Budget Request:

1. Apparatus replacement:
  - (a) Two (2) 100 ft. aerial ladder quints
  - (b) Three (3) 1,000 GPM pumpers, equipped with telesquirts
2. Reconstruction of Fire Stations:
  - (a) 420-438 Sandford Avenue
  - (b) 521 Central Avenue
  - (c) 87-89 Elm Road
3. Rehabilitation of river bulkhead, Fire Training Center  
34 Jersey Street.
4. Installation of burglar and fire alarm system:  
Fire Headquarters, 1010 Eighteenth Avenue
5. Modernization of Fire Alarm System:  
Fire Signal System Operations, Room 420, City Hall

## SICK LEAVE AND INJURY REPORTING SYSTEM

Sick and injury leave reports are monitored and coded daily. Reports pertaining to sick and injury leaves are presented to the Director and Fire Chief on a weekly basis.



MONITORING OF ON-DUTY MANPOWER

Daily roll call records are maintained for all companies. Manpower projections are determined for vacation periods and emergencies, along with overtime needs to ensure adequate manpower.

SCHOOLS, CONVENTIONS, SEMINARS

A file and schedule of all upcoming Fire Service educational events are maintained. Arrangements for travel, registration and expenses are handled through this Division.

FUEL CONSERVATION (Motor vehicles)

All motor vehicle fuel consumption with the Department is monitored, reports are submitted to the Director and Fire Chief.

AFFIRMATIVE ACTION - EQUAL EMPLOYMENT OPPORTUNITY

This Division submits quarterly reports to the Human Rights Commission concerning all Department activities in the following areas: appointments, retirements, demotions and resignations. Additionally, annual reports of all employment activities and salary listings, on a twelve month basis from July 1st to June 30th of the following year, are forwarded to the Human Rights Commission.

HARASSMENTS AND ASSAULTS

Of the twenty (20) incidents reported in 1983, one (1) injury required medical attention; two (2) resulted in physical damages to Fire Stations, and four (4) resulted in damages to Fire apparatus. The other reported incidents ranged from stolen Fire Department equipment and personal property, of Fire Department personnel, to verbal abuse and physical intimidation.

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The Planning and Research Division performs many additional functions as directed by the Director and Fire Chief, and in addition, responds to requests from other inter-departmental and intra-departmental agencies. Reasonable requests from other organizations are acted upon according to priority and availability of resources.

COMMUNITY RELATIONS DIVISION

ANNUAL REPORT SUBMITTED BY  
ROBERT E. FITZPATRICK  
BATTALION CHIEF  
FOR THE YEAR 1983

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During the year of 1983, the Community Relations Division (Headquarters 20) continued to be involved in various activities and programs which strengthened the rapport between the public and the Fire Department.

Headquarters 20 has continued its services to the victims of fires and other disasters by maintaining its contact with both public and private agencies. The resources of the charitable organizations, supported by the United Appeals, were called upon to assist numerous victims. Agencies of the city and county provided many victims with the essentials or necessities of life. The Community Relations Division has concentrated on providing the public with effective services both day and night, every day of the year.

Over the years, hot weather has brought hydrant problems, and this past year was no different. The illegal opening of hydrants on the street is a serious problem because it brings about reduced water pressure and damage to the hydrants. The shutting of illegally opened hydrants becomes more essential as the days get hotter, because the number of hydrants opened illegally escalates. The illegal use of hydrants is also compounded by the hydrants being vandalized, and this causes hydrants to be put out of service. Many man-hours were devoted to turning off illegally used hydrants and those left flowing due to carelessness of city employees and members of the public who were entrusted with hydrant sprinklers issued by the recreation department.

Director John P. Caufield has continued his policy of having the Community Relations Division support and assist charitable agencies in the performance of their duties to the public. The Community Relations Division has assisted in charity fund drives by helping with logistical matters, and assisting with volunteers and providing security for same.

The topic of smoke and fire detectors continues to be of top priority at public meetings when addressed by members of Headquarters 20. Many problems associated with smoke and fire detectors, ranging from the violation of none being installed to vandalism, maintenance, proper placement, etc., were discussed at these meetings.

During the past year, the Community Relations Division continued to honor requests to speak before teachers, pupils and parents at schools, on fire safety and careers in the fire service. Films were shown to classes at meetings throughout the city. Fire prevention materials were disseminated to persons attending classes and meetings. Demonstrations were also given at different locations in the city for the public's edification. In particular, this past year a great amount of time was given to the "Sesame Street" program.

Community Relations Division (2)

The Fire Auxiliary Service has continued to improve its documentation of services given to the city. The number of times that auxiliary fire-fighters have presented themselves, has improved on records. The number of man-hours at fire houses and alarms responded to, has been better documented. The service rendered by the fire auxiliaries is understated due to decentralization of the fire auxiliary. It should also be recognized that many auxiliaries respond to fires from their homes.

During the past year, two organizations have stood out and afforded the Community Relations Division to get involved closely with the public: (1) The International Youth Organization, to which James Wallace, Community Relations Coordinator, devotes a great deal of his time working with young people. He has been very successful in bringing the youths together to compete against each other in a variety of athletic events. (2) The North Ward Center has continued to be deeply involved with the public, both young and adults. The North Ward Center has been able to generate resources to better assist the public. Both organizations serve the public in an exemplary manner, and to be associated with them is an honor.

The 1983 Christmas Toy Drive was successful in the procuring of gifts for children. Captain Sante D'Emidio, retired, was very helpful in contacting commercial sources to improve our gift-giving capability. Many good people volunteered a great deal of their time to make the Christmas season more meaningful to the children of our city.

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DATA PROCESSING UNIT  
ANNUAL REPORT FOR 1983  
SUBMITTED BY  
GERRIT L. deVRIES  
DATA PROCESSING COORDINATOR

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The Data Processing Unit of the Planning and Research Division has completed various computer applications, which include making the following printouts for Department use:

1. A list of inspections and updating of conditions of hydrants in the city.
2. Overtime reports on a weekly basis.
3. Personnel listings and history as needed.
4. Sick reports on all employees.
5. Compensation claims on file.
6. Monthly vacant building reports.
7. Printout of issued permits.

Members of the Data Processing Unit have performed all the activities and duties as required by the Director and the Fire Chief of the Fire Department.

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PHOTOGRAPHY DIVISION  
ANNUAL REPORT SUBMITTED BY  
FIREFIGHTER LAWRENCE KRIEGER  
FOR THE YEAR 1983

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The following report is herewith respectfully submitted  
outlining the activities of the Photo Division for the year 1983.

Assignments responded to:

Signal 100 (Arson or Suspected)	32
Signal 200 (Death at Fire)	13
Public Relations (includes appointments, awards, promotions and demonstrations)	51
Special Assignments	118
(includes working in cooperation with other agencies, the Law Department, Bureau of Combustibles, Demolition and Engineering Departments.)	
TOTAL ASSIGNMENTS	214

Darkroom Activities

Black and White Negatives developed	3,694
Black and White Prints processed	4,531
Color Negatives developed	474
Color Prints processed	1,323

I wish to extend my sincere thanks to all the Officers  
and Members of the Fire Department for their cooperation  
throughout the past year.

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PUBLIC RELATIONS DIVISION  
ANNUAL REPORT FOR THE YEAR 1983  
SUBMITTED BY  
LONNIE TUCKER, COMMUNITY RELATIONS COORDINATOR

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The following report is herewith respectfully submitted outlining activities of the Fire Department's Public Relations Division for the year 1983.

This division has continued to keep the public informed of various events in fire prevention through the use of radio, television, newspapers, and weekly reports within the communities.

The message of fire prevention and the Fire Director's Smoke Detector plan has been brought to the attention of other agencies who will join the Fire Department in its efforts to bring fire prevention knowledge to the people.

In the year 1983, the Public Relations Division worked with other city, state and federal agencies which provided assistance to the fire victims.

As the liaison man in the Fire Department, I responded to fires as requested, and carried out other assignments as needed.

The Public Relations Division is in charge of issuing information in the form of releases to the news media upon request.

I wish to extend my most sincere thanks to the Officers and Members of the Fire Department for their cooperation throughout the year.

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MEDICAL DIVISION  
ANNUAL REPORT SUBMITTED BY  
MORRIS HALPER, M.D.  
FOR THE YEAR 1983

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During the year of 1983, as part-time Fire Department Surgeon, my basic availability to the Fire Department was two days per week in addition to any special consultation requested by the Director or the Fire Chief.

Medical records of members on injury or sick leave were routinely examined, and an evaluation of their condition and progress was submitted to the Fire Chief.

During 1983, a number of candidates considered for appointment to the Fire Department have been examined by me. Recommendations and findings concerning the candidates' health were submitted to the Director and the Fire Chief.

I wish to take this opportunity to thank all the Officers and Members of the Fire Department who have cooperated with me in providing service to members of the Department.

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ANNUAL REPORT  
SUBMITTED BY THE  
CATHOLIC CHAPLAIN, REV. HORTON J. RAUGHT  
FOR THE YEAR 1983

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The following is a report of my activities as Chaplain of the Newark Fire Department, for the year 1983.

I responded to 46 fires of which 43 were multiple alarms. When necessary I accompanied injured Firefighters to the hospital from the fire scene.

I visited the various hospitals in the area to attend to members of the Fire Department who were ill or injured in the line of duty. Visits were also made to members of their families when notified of their illness.

I attended all swearing-in ceremonies of new Fire Department personnel as well as all promotional ceremonies.

I attended wakes for deceased members of the Fire Department or members of their families. I participated at funeral services of members of the Department, both active and retired.

I conducted both the wake and funeral service for our beloved fellow chaplain, the Reverend Clarence Bleakney.

Was available for and participated in conferences with members of the Department or their families.

I conducted the 60th Annual Memorial Service for deceased members of the Newark Fire Department. This year's Memorial Service was dedicated to the memory of Chaplain Clarence Bleakney. This Annual Memorial Mass and Service was conducted at St. Rose of Lima Church, Newark, New Jersey.

I attended Fire Prevention demonstrations and all other activities pertaining to Fire Department affairs, and those sponsored by the Fire Department Historical Association and the Bell and Siren Club.

I wish to express my deep and sincere gratitude to Director John P. Caufield, Fire Chief Stanley J. Kossup and to all the Officers and Members of the Newark Fire Department, for the friendship, courtesy and cooperation they have shown me.



ANNUAL REPORT  
SUBMITTED BY  
THE  
JEWISH CHAPLAIN  
RABBI HORACE L. ZEMEL  
FOR THE YEAR 1983

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I wish to report that throughout the year 1983, as Chaplain of the Newark Fire Department, to the best of my ability, I have answered fire calls when summoned, participated in public functions, attended the sick and dying, and in general, lent myself in full capacity as clergyman over all those to whom I minister, in whatever contingency my services were needed.

The making of this report gives me once again, the opportunity of letting you know that I am not unmindful of the many courtesies extended to me in the performance of the duties of my office, for which I am extremely grateful.

May I wish you, and through you, all those in the Fire Department, a year marked by peace in the world, order in our government, health in the home, and success in every worthwhile effort.

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THE BELL AND SIREN CLUB, INC.

ANNUAL REPORT  
FOR THE YEAR 1983

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The Bell and Siren Club, organized in 1949, is a non-profit, voluntary group, dependent upon membership dues, social functions, and the contributions of the firefighters of the communities it serves to finance its activities and acquire and maintain its equipment.

Membership is limited to 50 active members whose conduct must adhere to the official Club Code of Operations. Public officials and candidates for public office are not eligible for membership.

The Club serves free refreshments of coffee, orange drink, tea, hot soup, etc., from a mobile canteen unit, "The Rig", to firefighters at the scene of a fire, inside the fire lines.

The Rig is owned by the Club, but it is quartered with Rescue Co. 1, courtesy of the Mayor and the Newark Fire Department.

During 1983, the Club responded to 85 fire emergencies, comprised of:

- 40 second alarms
- 6 third alarms
- 3 fourth alarms
- 17 special calls
- 10 multiple alarms in East Orange
- 2 special calls in South Orange
- 5 special calls in Bloomfield
- 1 special call in Glen Ridge
- 1 special call in Belleville

Services rendered included:

5,029 cups of coffee	690 cups of hot chocolate
1,794 cups of orange drink	52 doz. cookies and cake
3,267 cups of iced tea	135½ lbs. beef stew
265 cups of hot tea	45 sandwiches
223 cups of water	51 doz. doughnuts
82 cups of beef broth	301 cigarettes

We extend our thanks and appreciation to the elected officials of the City of Newark, to Fire Director John P. Caufield and to Fire Chief Stanley Kossup, and to all the officers and members of the Newark Fire Department for their help and assistance during the past year.

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EMERGENCY MANAGEMENT (CIVIL DEFENSE)

AUXILIARY FIRE SERVICE  
ANNUAL REPORT SUBMITTED BY  
CHARLES J. MANARA, CAPTAIN  
FOR THE YEAR 1983

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In 1983, there were ten new applicants for the Newark Auxiliary Fire Service, bringing the total to 152 active members and 100 semi-active members.

The members reported to the fire houses a total of 995 times, and spent 5,128 hours on duty; they responded to 1,629 alarms, and spent 556 hours working at fires and 85 hours in drills in and out of quarters.

There were five promotions made during the year 1983:

2 Captains, 1 Battalion Chief, and 2 Deputy Chiefs.

Three men departed from the Auxiliary Fire Service in good standing: One went to the Kearny Fire Department; one joined the Clifton Police Department, and one is on leave to the Army.

During the year 1983, we purchased new helmets and new shoulder patches for the members of the Auxiliary Fire Service.

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